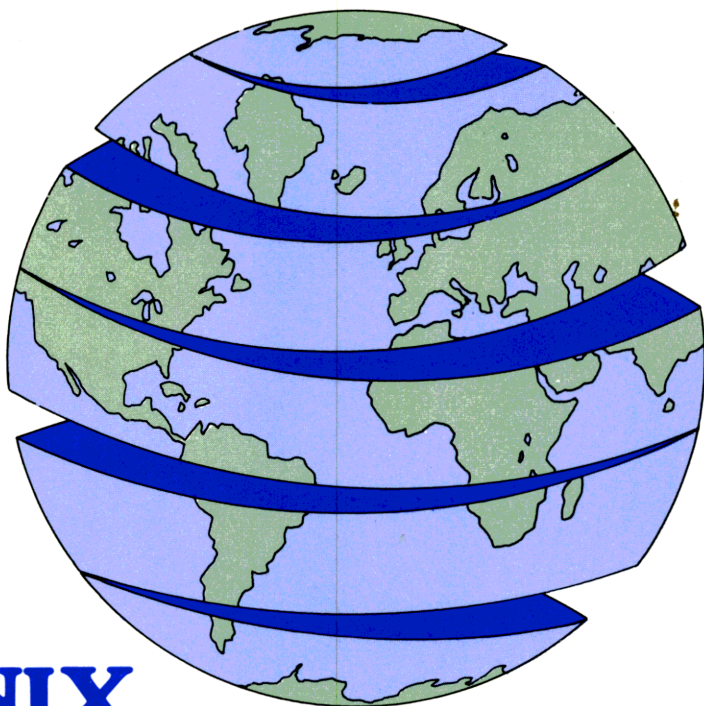


EUUG

European UNIX™ systems User Group

EDITION 2 1985



**UNIX
MICROS CATALOG**

Price £7.50

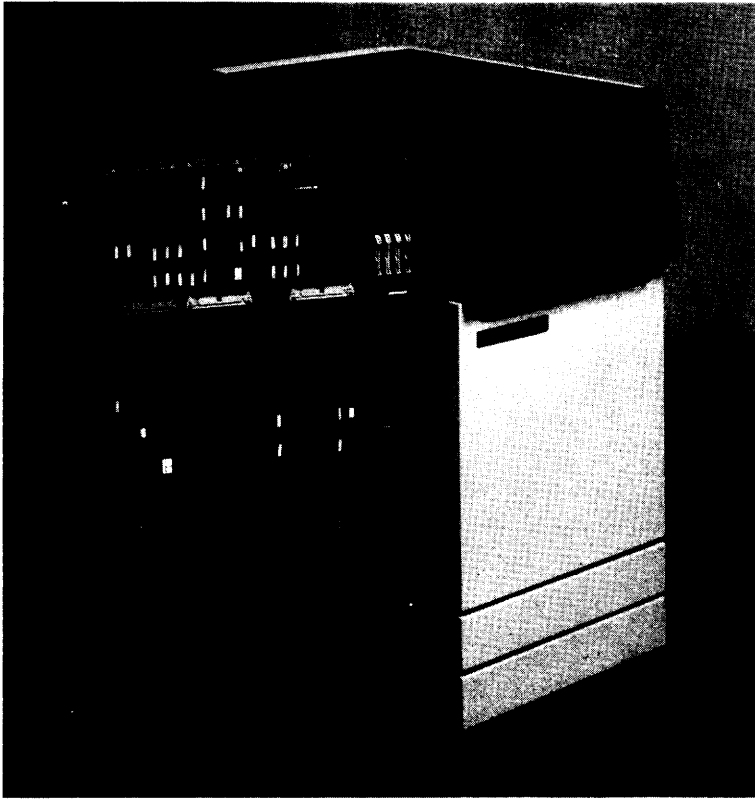


UNIX MICROS CATALOG

Contents

	Page
Introduction	1
Things Start Easy	1
Catalog Layout	2
The Ideal System	2
Trademarks	4
Classified Entries from	
Manufacturers	5
Index of Systems	76
Index of UNIX Systems	78

UNIX HORSEPOWER



THE IBC ENSIGN

There are a lot of UNIX based systems on the market today claiming to be "SUPERMICROS", but do they really have what it takes to run multi-user UNIX well? The IBC ENSIGN does and here's why:

STATE OF THE ART: The ENSIGN uses the 10MHz Motorola 68010 (the most advanced microprocessor available for UNIX systems today), and AT&T's UNIX SYSTEM V with Berkeley and UNISOFT enhancements (a super set of the UNIX offered by AT&T).

LARGE EXPANSION CAPABILITIES: The ENSIGN offers expansion beyond that of other super-micros. Consider these impressive features:

- °Up to 32 users
- °Up to 8 M byte memory (ECC)
- °Over 1000 M byte 8" SMD disk capacity
- °Both 9 track and cartridge tape support

FAST MEMORY DESIGN: No computer running at any clock speed can run faster than its overall memory design. The ENSIGN has up to 8MB of 120nsec memory with dual bit error correction. With IBC's proprietary memory management, all of this memory runs with no wait states at a full 10MHz. Compare this to other systems running only small cache memories at full speed. Other multi-user systems cannot load all their user's programs into a small cache memory. They slow down considerably under a heavy multi-user load.

INTELLIGENT SERIAL I/O CONTROLLER: Even the fastest CPU will slow down when it's trying to handle interrupts from multiple on-line users. The ENSIGN provides slave serial I/O CPU's and FIFO buffering for both input and output. The result is the ENSIGN's ability to support up to 32 users, with heavy serial I/O demand, while leaving the main 68010 CPU free to run with little serial I/O overhead.

INTELLIGENT DISK CONTROLLER AND HIGH PERFORMANCE DISK DRIVES: The ENSIGN has a slave CPU to handle all disk operations, plus high speed disk buffering. IBC's proprietary disk DMA allows high speed data transfer to main memory without slowing down the main CPU. Further, the ENSIGN supports SMD type 8" hard disks with much faster seek times and transfer rates than 5 1/4" hard disks usually found in personal desk top computers.

THE RESULTS: The IBC ENSIGN runs multi-user UNIX at performance levels not attainable by other supermicros.

UNIX IS A REGISTERED TRADEMARK OF BELL LABS. IBC USES THE UNISOFT IMPLEMENTATION OF AT&T'S UNIX SYSTEM V FOR THE 68010.

KB30

IBC/Integrated Business Computer 21621 Nordhoff St. Chatsworth, CA 91311 USA
PHONE: (818) 882-9007

INTRODUCTION

Just over two years ago, the EUUG sensed the need for a "UNIX Micros Catalog" and brought one out. It was a difficult task, needless to say, but the reward was immediate in that it was widely acclaimed, was a rapid sell-out, and created a clamour for a new edition.

Here it is!

Edition 2 contains more information than Edition 1 and it is, we believe, better as a result of the previous experience gained. However, it is not exhaustive (it cannot be) and it suffers from the inherent defect of all such Catalogs in that it cannot be completely up-to-date.

As we said in the introduction to the first edition ' . . . This Catalog is meant to make sure you know there is a jungle. It does not provide you with a map through the jungle . . . '

In fact, come to think of it, we cannot do better than repeat that introduction here but, first, a word of thanks is due to the manufacturers for supporting this venture with their information and advertisements and, also, to you the users for creating the demand for this new edition. We hope you like it and find it useful.

If you do, please tell us by writing to The EUUG Secretary, Owles Hall, Buntingford, Herts, SG9 9PL, UK.

If you don't, write to us just the same – all your comments will be greatly appreciated.

THINGS START EASY

In the beginning (70's) there was a minicomputer (the DEC PDP-11 machine) and UNIX. At that time the world was simple, the operating system source text was bedtime reading-matter, and the computer needed some cooling. Then a manufacturer thought he could make the computer smaller and cheaper. Then programmers thought they needed more options, and we all started to plant seeds from that original tree, which we all liked. And look what we did: we made a jungle. The old trees are still there and we still love them. The new ones are like the little bonzai trees, we can put them on our desk. Still there is seed left.

This catalog is meant to make sure you know there is a jungle. It does not provide you with a map through the jungle, and it does not provide you with a manual for buying bonzais. But perhaps it gives you some alternatives.

Details in this catalog are gathered from a questionnaire sent to relevant manufacturers. Beware that none of these details are binding on any manufacturer or distributor. Manufacturers tend to change their products and prices daily, so this catalog is already out of date.

CATALOG LAYOUT

The catalog will give you per page an overview of a UN*X system. The keywords used are:

Company: The company name and address.

Name system: The name or the type of the system.

CPU and speed: The processor type i.e. 68000, Z8000 etc. and the speed specification of the processor f.i. 8MHz.

System bus: The type of backplane bus or I/O bus, f.i. Multibus.

Max. Physical memory, spec. mem bus, dual ported mem.: The minimum and maximum physical memory allowed f.i. 256KB-1MB, possibly together with some specification f.i. dual ported, special own memory bus, etc.

Type UNIX system: The version of the UN*X system or the name of the UNIX port, f.i. XENIX (UNIX V7).

Company of UNIX port: The name of the company who did the port of the UNIX kernel to the system f.i. the company itself.

Vendor of controllers:

CPU board: vendor of the processor board.

Floppy contr: vendor of the floppy controller board.

Raster contr: vendor of the raster controller board for the raster display.

Asynch. contr: vendor of the possible asynchronous lines (multiplexer).

(Cart.) tape contr: vendor of the (cartridge) tape controller board.

LAN contr: vendor of the local area network controller board.

Vendor of peripherals:

Disk: vendor(s) of the disk drive.

(Cart.) tape: vendor of the tape drive (cartridge).

Floppy: vendor of the floppy drive.

Basic configuration: The basic configuration for the system and the user price, or the board price. F.i. cage 7 slots, CPU, raster 1024*768, keyboard, raster board, 256KB, 20MB Winchester, 1MB floppy, \$18K.

Applications: If the system is meant for special applications this is noted. F.i. CAD/CAM.

Remarks: General remarks about the system.

Distributors: Location of distributors in different countries.

THE IDEAL SYSTEM

It is not an easy job to find the ideal system in this jungle. But if you try, please note the following:

- What kind of CPU is used? Does the CPU meet your system requirements? What is the speed of the CPU? (The meaning of a wait state is unknown to me.)
- What kind of bus is used for I/O? Is there special memory necessary for DMA devices (i.e. is there a special memory bus)? Is the bus standard and/or are

the lines of the bus used for special internal use? If it is a standard bus, can you easily put another CPU board in it?

- Is there enough disk space (It is never enough!)? How easy is it to put other drives on it from other vendors? Or do you need to buy another controller board in that case? Some disk drives require lots of maintenance. Winchester tend to be cheap and reliable. What about the noise of the drives?
- Do you get all the software tools you need? What does it cost if you want more? How easy is it to bring your own or other manufacturers tools up on it? Is the system interface 'standard'?
- How easy is it to change your configuration and to add drivers to the kernel. Are there examples? What about bugs showing up later (and they do!) or changes to the kernel for your sake?
- Is the system human, friendly? i.e. looks awful, is noisy, is producing lots of heat and is painted orange?
- How difficult is it to do diagnostics? Or are you depending on a system which runs for ever without any sign what it is doing? How long does it take to provide you with a spare board?
- Does the manufacturer keep his promise? Has he already delivered some systems?
- Don't be fooled into thinking that you are the lucky man with the bargain and the system of the year. Be sure you get what you want for the right price. Software and hardware go hand in hand, always.

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Mimix is a trademark of TouchStone Software Corp.

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Ethernet is a trademark of Xerox Corp.

Apple is a trademark of Apple Research Inc.

ACCESS TECHNOLOGY INCORPORATED

6 Pleasant Street, South Natick, MA 01740, USA

Tel: (617) 655-9191

Name system: 20/20 Integrated Spreadsheet

CPU and speed: 68000, VAX 362

Max. physical memory, spec. membus, dual ported mem: Hardware dependent

Type UNIX system: System V, Ultrix, Berkeley 4.2

Applications: Integrated spreadsheet and graphics

ALCYON CORPORATION

8716 Production Avenue, San Diego, California 92121, USA.

Tel: (619) 578-0860

Name system: APS. RMS

CPU and speed: 68000, 10MHz

System bus: Q-bus

Max. physical memory, spec. membus, dual ported mem: 4MB, dual port memory, private bus

Type UNIX system: Regulus (Real-time)

Company of UNIX port: Alcyon

Basic configuration: Up to 4MB RAM; up to 112MB fixed disk; 5MB removable disk; floating point accelerator; 4 serial ports, 1 parallel port; regulus operating system. 5¼in. x 19in. x 24in.

Applications: Telecommunications controllers; graphics, image processing; process control; robotics

Remarks: Smaller (Desk top) and larger (Desk side) configurations available.

ALTOS COMPUTER SYSTEMS

8032 Gra/Munich, Rudolph-Diesel-Strasse 1, W. Germany

Tel: +089 85 39 71

Name system: 186/486; 586/986

CPU and speed: 80186 (8MHz), 8086 (10MHz)

System bus: Multibus

Max. Physical memory, spec. membus, dual ported mem: 512KB/1MB

Type UNIX system: Microsoft Xenix 3.0

Company of UNIX port: Microsoft

Vendors of peripherals: Altos; others

Basic configuration: 512KB, 40MB disk, 6 channels (586)

Applications: Business and commercial

Remarks: Altos is world-leader in low-cost multi-user microsystems

Distributors: In each country – apply for details

ASTON TECHNOLOGY LTD

Aston Science Park, Love Lane, Birmingham B7 4BJ, UK
Tel: 021-359-4861

Name system: Crystal 68000

CPU and speed: MC68000, 10MHz

System bus: Proprietary

Max. physical memory, spec. membus, dual ported mem: 4MB RAM

Type UNIX system: Uniplus+ System V

Company of UNIX port: Unisoft

Vendors of controllers: No

Vendors of peripherals: Yes

Basic configuration: Desktop, IBM RAM, 1-12 RS232, 106MB disc. Floormount,
4MB RAM, 1-36 RS232, 6x85MB disc.

Applications: Wide range business applications and utilities

Remarks: UK assembled by Aston Technology

Distributors: On application to Aston Technology

BLEASDALE COMPUTER SYSTEMS PLC

Francis House, Francis Street, London, SW1P 1DE, UK

Tel: (01) 630-9761

Name system:

680A

680T – Sentinel

2 major developments planned for 1985

CPU and speed: 68010, 10MHz

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem: 16jMbytes

Type UNIX system: System V

Company of UNIX port: Unisoft

Vendors of controllers: Xylogics and others

Basic configuration: Single Workstation, 20MB

Applications: Development = AI = Command and Control = CAD = Commercial
D.P. = Office automation

Remarks: This company has strong formal ties with British Telecom in the development, manufacture and marketing area.

Distributors: Upwards of 20: contact Bleasdale for details.

CADMUS COMPUTER SYSTEMS INC.

600 Suffolk Street, Lowell, MA 01854, USA

Tel: (617) 453-2899

Name system: 9730 – Multi-user UNIX workstation

9740 – Diskless-node multi-user UNIX workstation

9750 – Diskless-node high-resolution monochrome graphics workstation

9760 – High-capacity network file server

9770 – High-resolution colour graphics workstation

9790 – High-resolution monochrome graphics workstation

CPU and speed: 68010, 10Mhz

System bus: Q-Bus and S-Bus

Maximum physical memory, spec. membus, dual ported memory: 4MB RAM memory, dual ported

Type UNIX system: UNIX System V + 4.2 BSD enhancements + UNISON (CADMUS proprietary distributed processing environment)

Basic configuration:

9730: 68010 CPU, 1MB RAM memory, 65MB disk, 32MB streaming magtape, 2 async.comm.ports, floormounted cabinet, 18-slot Q-bus cage, UNIX System V license.

9740: 68010 CPU, 1MB RAM memory, 32MB streaming magtape, 2 async. comm ports, floor mounted cabinet, 18-slot Q-bus cage, UNIX System V license.

9750: 68010 CPU, 1MB RAM memory, high-resolution bit-mapped monochrome graphics CRT with keyboard, Mouse pointing device, 32MB streaming magtape, 2 async. comm. ports, Ethernet interface, floor-mounted cabinet, 18-slot Q-bus cage, UNIX System V license.

9760: 68010 CPU, 1MB RAM memory, 9 track magtape subsystem, 32MB streaming magtape, 47MB disk, 2 async. comm. ports, Ethernet interface, rack-mounted cabinet, 18-slot Q-bus cage, UNIX System V license.

9770: 68010 CPU, 1MB RAM memory, high-resolution bit-mapped colour graphics CRT with keyboard, Mouse pointing device, 65MB disk, 32MB streaming magtape, 2 async. comm. ports, Ethernet interface, rack-mounted cabinet, 18-slot Q-bus cage, UNIX System V license.

9790: 68010 CPU, 1MB RAM memory, high-resolution bit-mapped monochrome graphics CRT with keyboard, Mouse pointing device, 65MB disk, 32MB streaming magtape, 2 async. comm. ports, Ethernet interface, floor-mounted cabinet, 18-slot Q-bus cage, UNIX System V license.

Applications: Computer-aided publishing, computer-aided design/drafting, APL, relational databases, artificial intelligence languages, electronic circuit design

Distributors: Avec Technologies & Co. Ltd. 5901 Rte. Trans Canada Highway, Pointe Claire, Quebec H9r 1B7, Canada. Tel: (514) 694-7548

CALLAN DATA SYSTEMS

2645 Townsgate Road, Westlake Village, CA 91361, USA
Tel: (805) 497-6837 Telex: 910-336 1685

Name system: Unistar 300

CPU and speed: 68010, 10MHz

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem: 2MB

Type UNIX system: UNIX System V

Company of UNIX port: Unisoft

Vendors of controllers: Callan Winchester controllers

Vendors of peripherals:

Cypher

Micropolis

Fujitsu

Basic configuration: 4-user system, 43MB Winchester disk drive, 512KB RAM, 616KB floppy, 45MB streaming tape backup and UNIX System V

Applications: Fortran 77, Oregon Pascal 2, SMC Basic, RM Cobol, Telesoft ADA, Q-Calc, Quadratron Q-One, UNIFY, DI3000 Graphics/Metafile/ Grafmaker

Remarks: Callan Data Systems manufactures the UnistarTM family of powerful Microcomputers incorporating the AT&T UNIX System V.

CIE SYSTEMS INC.

2515 McCabe Way, Irvine, CA92713-6579, USA

Tel: (714) 660-1800

Name system: CIES 680

CPU and speed: M68000, 10MHz

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem: 2MB, dual port iLBX bus

Type UNIX system: Regulus (System III compatible)

Company of UNIX port: Alcyon

Vendors of controllers: CIES

Vendors of peripherals: CIES

Applications: Business applications, medical, word processing (LEX), spreadsheet (Ultracalc), payroll.

CONTEL – CODATA

285 N. Wolfe Road, Sunnyvale, CA 94086, USA
Tel: (408) 735-1744

Name system: 3300, 3400, 3500 Series

CPU and speed: 68000, 8MHz; 68010, 10, 12.5MHz

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem: 8MB

Type UNIX system: UNIX V7 and System V

Company of UNIX port: Codata (AT&T)

Vendors of controllers: Codata

Vendors of peripherals: 9 TR (800, 1600) BPT ½in. tape, ¼in. QIC II cartridge tape, 12, 40, 84, 168, 320 and 420 Eagle Winchester options.

Basic configuration:

Series 3300 – 68000, 768KB, 1MB floppy, 10 I/O, 12-320MB Winchester

Series 3400 – 68000, 768KB–8MB, 1MB floppy, 10 I/O, 12-320MB
Winchester

Series 3500 – 68010, 768KB – 8MB, 1MB floppy, 10-20 I/O, 12–320MB
Winchester

Applications: All major development languages and wordprocessing, spreadsheet, DBMS and all major accounting packages (foreign language word-processing)

Remarks: Complete range of options for LAN, X.25, SNA, fast floating point

Distributors:

Cambridge Micro Computers Ltd,
Cambridge, UK

Cado Ireland, Blackrock, Cork,
Ireland

Cado Systems, Brussels, Belgium

Cado Systems International,
Rungis Cedex, France

Distracco SA,
Brussels, Belgium

Manudax Nederland B.V.,
ZG Heeswijk, The Netherlands

Cado Germany, Stuttgart,
West Germany

CYB SYSTEMS INC

6448 Hwy 290E, D-111 Austin, TX 78723 USA

Tel: (512) 458-3224

Name system: WorkMate I, WorkMate II, WorkManager, WorkMaster, Unit 1i, Unite 4i, Unite 8i, Unite 16i, Unite 32i

CPU and speed: MC68000, 10MHz

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem: WorkMate I memory up to 1.5MB; WorkMate II up to 2.5MB; WorkManager I & II up to 4.5MB; WorkMaster up to 8.5MB

Type UNIX system: UNIX System V

Company of UNIX port: UniSoft

Vendors of controllers: Konan, Xylogics, Systec, CDC, 3COM

Vendors of peripherals: Fujitsu, Pertec, Rodime, Mitsubishi, Tulin

Basic configuration:**WorkSeries Product Line**

WorkMate I – MC68000, 768KB RAM, 26MB hard disk, 1MB floppy, 6 I/O ports, 4-users, UNIX System V.

WorkMate II – MC68000, 1MB RAM, 54MB hard disk, 1MB floppy, 10 I/O ports, 8-users, UNIX System V.

WorkManager – MC68000, 1MB RAM, 54MB hard disk, 1MB floppy, 18 I/O ports, 16-users, UNIX System V.

WorkMaster – MC68010, 2.5MB RAM, 168 SMD, 1MB floppy, 18 I/O ports, 16-users, UNIX System V.

Unite Product Line

Unite 4i – MC68000, 768KB RAM, 26MB hard disk, 6 I/O ports, 4 PC users, UNIX System V, Unite Networking Software.

Unite 8i – MC68000, 1MB RAM, 54MB hard disk, 10 I/O ports, 8 PC users, UNIX System V, Unite Networking Software.

Unite 16i – MC68000, 1.5MB RAM, 54MB hard disk, 18 I/O ports, 16 PC users, UNIX System V, Unite Networking Software.

Unite 32i – MC68010, 2.5MB RAM, 168 SMD drive, 34 I/O ports, 32 PC users, UNIX System V, Unite Networking Software.

Applications: Crystal Writer, ViewComp, Philon packages, Q-Calc, Software Express packages, Unify, various languages, RM/COS operating system and more

Distributors: Longs Computer Products, UK.

DANSK DATA ELEKTRONIK A/S

Herley Hovedgade 199, DK-2730 Herley, Denmark

Tel: +45-2-84-50-11

Name system: Supermax

CPU and speed: 68000, 10MHz

System bus: Own, Spec. I/O bus

Max. physical memory, spec. membus, dual ported mem: 16MB PR CPU

Type UNIX system: System III with Berkeley 4.1 enhancement

Company of UNIX port: DDE

Basic configuration: Supermax tabletop: 1MCU, ½MB memory, 20MB disc, 8 ports. Supermax verticle: 2 MCU each ½MB, 8 ports, disc controller

Applications: Pascal, C, Cobol, Comal, Fortran, SMC Basic, Oracle

Remarks: I/O controllers, intelligent SIOC, NIOC, DIOC, CIOC self-configuring multiprocessor

DATAPOINT (U.K.) LTD

Datapoint House, 400 North Circular Road, London, NW10 0JG, UK
Tel: (01)-459-1222

Name system: Datapoint 3200

CPU and speed: Motorola 68000, 12.5MHz

System bus: 32-bit Versabus

Max: physical memory, spec. membus, dual ported mem: 8MB memory, 4K cache, second 68000 I/O processor, 4-28 ports

Type UNIX system: UNOS

Basic configuration: 32MB Winchester disc, 4MB memory, 4 ports, UNOS

Applications: D.B.M.S., office automation, DDP

Remarks: Connection to Arcnet LAN.

DUAL SYSTEMS CORPORATION

2530 San Pablo Avenue, Berkeley, CA 94702, USA

Tel: (415) 549-3854

Name system: 83/500

CPU and speed: MC68000, 10MHz

System bus: S-100

Max. physical memory, spec. membus, dual ported mem: 2MB – 6MB

Type UNIX system: Uniplus and System V

Company of UNIX port: UniSoft Systems, Berkeley CA and Dual Systems

Vendors of controllers: Dual Systems

Basic configuration: 20 slot cage, CPU MMU, 2 x 1 MB, SMD disc controller, one 513MB Winchester, FDC, 1MB floppy 8in., 8 serial DMA ports, Uniplus+, C compiler, 9-track tape backup, \$65,940

Applications: Where mass data storage is required

Remarks: Expandable to accommodate a second 513MB Winchester, bringing total bytes to over one billion

Distributors:

Westech Computer Corporation, San Rafael, CA, USA

China Business Associates, San Francisco, CA, USA

Interworld Electronics, Point Roberts, WA, USA

Elcom Data, Denver, Co, USA

F.L. Kleinberg, Boulder, CO, USA

Microlog Inc., Houston, TX, USA

Cyex Systems, Rosemont, IL, USA

W.C. Koepf & Associates, Chagrin Falls, OH, USA

Computer Systems & Technology, East Farmingdale, NY, USA

Information Interactiva S.A. C.V., Hermosillo, Sonora, Mexico

Interworld Electronics, North Vancouver, BC, Canada

Sirton, London, UK

Scientific Microsystems GmbH, Aachen, West Germany

Pragati Computer, Pondi Cherry, India

Unicore System Engineering Co. Kowloon, Hong Kong

Advanced Microtron Company Ltd., Kowloon, Hong Kong

Hillwood Computer Company, Kowloon, Hong Kong

Galaxy Computers PTE Ltd. Singapore

Advanced Computer Company, Taipei, Taiwan

Systems D Pty. Ltd., Parramatta, New So. Wales, Australia

EUROSOFT – SYSTEMES

38, Boulevard Henri Sellier, 92150 Suresnes, France

Tel: +1 506 18 18 Telex: 612 808 F

Name system: PDL/81*

Max. physical memory, spec. membus, dual ported mem: – 1500 disk blocks during installation process then 600 Disk Blocks are sufficient. On a typical 16 bit machine PDL 81 occupies 45,000 Blocks of code and 18,000 of data. The execution of PDL/81 on a 16 bit machine requires the so-called “split i/d” options + Make Utility

Type UNIX system: UNIX, PWB UNIX, V7 UNIX, Berkeley 4 BSD

Basic configuration: 60 K Mo

Applications: A highly portable tool for program design and documentation of software by means of a text processing system and a program design language processor

Remarks: PDL/81 is not a code generator and executable. Programs are not automatically produced from PDL/81 design.

Distributors: Eurosoft Systems for France, Belgium, Germany, Switzerland, Spain, Italy, Africa.

*PDL/81 is a licensed product from Caine, Farber and Gordon.

FORCE COMPUTERS GmbH

Daimlerstrasse 9, 8012 Ottobrunn, West Germany

Tel: + 089 609 20 33

Name system: Standard 3

CPU and speed: 68010, 10MHz

System bus: VMEbus

Type UNIX system: System V V/68 (Version 5.2)

Company of UNIX Port: Fa. Stollmann

Vendors of controllers: FORCE Computers GmbH

Vendors of peripherals: FORCE Computers GmbH

Basic configuration: CPU-3V, 1MB DRAM, 80MB Winchester, 7 x RS232 interface

Applications: Commercial, graphics, robotics

Remarks: System based on generic 68000 port. Derived from AT&T accepted UNIX 5.2 for the 68000 including 68000 macro assembler and Fortran 77 compiler.

Distributors:**AUSTRALIA**

The Dindima Group Pty. Ltd., Ringwood, Victoria.

AUSTRIA

W. Moor Data GmbH, Vienna.

BELGIUM

J.P. Lemaire, Wemmel.

DENMARK

C-88 APS, Kokkedal.

FINLAND

Nabla Elektronikka OY, Espoo.

FRANCE

Tekelec Airtronic, Sevres.

GERMANY

Synelec Datensysteme GmbH, Lindwurmstrasse 117, Munich.

GREECE

Macedonian Electronics Inc., Thessaloniki-Hellas.

INDIA

SPS, Technical Electronic Pvt. Ltd., Gulbarga, Karnataka.

ISRAEL

Tabor Agencies Ltd., Ramat-Gan.

ITALY

Sistrel S.P.A., Cinisello B. (MI) and Rome.

JAPAN

Internix Inc., Tokyo 160.

THE NETHERLANDS

Alcom Electronics B.V., Capeele A.D. Ijssel.

NEW ZEALAND

VSI Electronics (N.Z.) Ltd., Epsom, Auckland.

NORWAY

Elektronix A/S., Oslo.

PORTUGAL

Decada Sarl, Lisbon.

SOUTH AFRICA

Promilect (Pty) Ltd., Pinegowrie.

SPAIN

Unitronics S.A., Madrid.

SWEDEN

Betoma, Solna.

SWITZERLAND

W. Moor AG, Regensdorf.

UNITED KINGDOM

Microsystem Services, High Wycombe, Bucks.

GOULD COMPUTER SYSTEMS

Copthall House, Grove Road, Sutton, Surrey SM1 1BY, UK.

Tel: (01) 643-8020

Name system: PN 6031

CPU and speed: 32 bit TTL, 1.7 MWhets

System bus: SELbus

Max. physical memory, spec. membus, dual ported mem: 16MB ECC MOS,
32KB cache.

Type UNIX system: BSD 4.2 with enhancements, System V

Company of UNIX port: Gould Software Division

Vendors of controllers: Gould

Vendors of peripherals: Various

Basic configuration: 2MB memory, 80MB internal Winchester, cartridge tape

Applications: High power general-purpose UNIX box

Remarks: Provides the power of a VAX 11/785 in a micro-sized box

Distributors: Gould

Name system: PN 6080

CPU and speed: Dual 32 bit TTL, 3MWhets

System bus: SELbus

Max. physical memory, spec. membus, dual ported mem: 16MB, 32KB cache

Type UNIX system: BSD 4.2, System V with enhancements

Company of UNIX port: Gould Software Division

Vendors of controllers: Gould

Vendors of peripherals: Various

Basic configuration: 4MB memory, 80MB Winchester, tape drive

Applications: Anywhere a small-sized high powered UNIX box is needed

Remarks: Software compatible with all Gould PN Series computers

Distributors: Gould

Name system: PN 9005

CPU and speed: Proprietary 32 bit ECL, 4.5MWhets

System bus: SELbus

Max: physical memory, spec. membus, dual ported mem: 16MB ECC MOS,
64KB cache

Type UNIX system: BSD 4.2 with enhancements. System V with enhancements

Company of UNIX port: Gould Software Division

Vendors of controllers: Gould

GOULD COMPUTER SYSTEMS (cont.)

Vendors of peripherals: Various

Basic configuration: 4MB memory, 340MB Winchester, tape drive

Applications: A general-purpose high performance computer

Remarks: Can be upgraded to Model PN9080 which runs at over 10M Whetstone instruction/s

Distributors: Gould computer systems.

Name system: PN9080

CPU and speed: Close-coupled dual 32 bit ECL – Over 10MWhets

System bus: SELbus

Max: physical memory, spec. membus, dual ported mem: 16MB ECC MOS, 64KB cache

Type UNIX system: BSD 4.2 with enhancements, System V with enhancements

Company of UNIX port: Gould Software Division

Vendors of controllers: Gould

Vendors of peripherals: Various

Basic configuration: 8MB ECC MOS, 340MB Winchester, tape drive

Applications: Any requiring a large number of terminals or lots of CPU power

Remarks: 100% software compatible with Gould PN6000 Series

Distributors: Gould

Name system: Power Station 2000

CPU and speed: 68010, 10MHz

System bus: Proprietary bus

Max. physical memory, spec. membus, dual ported mem: 2MB physical, 4MB virtual

Type UNIX system: Virtual System V

Company of UNIX port: CT

Vendors of controllers: Gould

Vendors of peripherals: Various

Basic configuration: 5MB memory, 10MB Winchester, floppy

Applications: A general-purpose 68K UNIX box

Remarks: Supports 8 users and up to 140MB Winchesters

Distributors: Gould

GOULD COMPUTER SYSTEMS (cont.)

Name system: Power Station 3000

CPU and speed: 68010, 10MHz, multiple processors

System bus: Proprietary

Max. physical memory, spec. membus, dual ported mem: 24MB

Type UNIX system: System V

Company of UNIX port: CT

Vendors of controllers: Gould

Vendors of peripherals: Various

Basic configuration: Single CPU; 5MB, 50MB Winchester, 5MB Syquest
removeable disk

Applications: Where a very expandable computer is required

Remarks: Object code compatible with PS2000

Distributors: Gould

HEWLETT PACKARD S.A.

7, Rue du Bois-du-Lan, Case Postale 365, CH-Meyrin 1 Switzerland

Tel: +4122838111

Name system: HP9000 Model, 520, 530, 540, 550

CPU and speed: HP proprietary 32 bit VLSI chip with h/w floating point 1 - 3 MIPS (up to 3 CPU's may be inserted)

System bus: Own

Max. physical memory, spec. membus, dual ported mem: 10MB

Type UNIX system: (HP-UX) Bell Sys. III with HP and UCB enhancements

Company of UNIX port: HP

Vendors of controllers: HP

Vendors of peripherals: HP

Basic configuration: Model 520: CRT, keyboard, 512KB, integrated package

Model 530: 512KB, 19in. rack

Model 540: 512KB, mini-rack

Model 550: 512KB, mini-rack

Applications: User licenses available for single user, 16 user and 32 user

Remarks: Languages: C, FORTRAN, PASCAL. HP-UX includes symbolic debugger graphics and interfacing libraries and virtual memory. Ethernet available.

Distributors: Over 170 HP sales/service offices worldwide

Name system: HP220T

CPU and speed: 68000, 12.5 MHz, 16KB cache

System bus: Proprietary

Max. physical memory, spec. membus, dual ported mem: 7.5MB, own, none

Type UNIX system: Sys. III, Berkeley enhancements, graphics libraries

Company of UNIX port: HP

Vendors of controllers: HP

Vendors of peripherals: HP

Basic configuration: Sys. console, 1MB RAM, I/O controller, 15 slots complete UNIX Sys. III, FORTRAN, PASCAL, GRAPHICS

Applications: Third Parties

Remarks: Rack-mountable multiuser system

Distributors: Local HP offices

HEWLETT-PACKARD (cont.)

Name system: HP236T/CT

CPU and speed: 68000, 12.5MHz, 16KB cache

System bus: Proprietary

Max. physical memory, spec. membus, dual ported mem: 7.5; own; none

Type UNIX system: SIII, Berkeley enhancements, graphics libraries

Company of UNIX port: HP

Vendors of controllers: HP

Vendors of peripherals: HP

Basic configuration: Integrated WS, 12in. b/w or colour monitor, 1MB.

Complete UNIX SIII, FORTRAN, PASCAL, Graphics

Applications: Third parties

Remarks: Integrated single-user workstation, multiuser optional; colour monitor, 512x390 resolution

Distributors: Local HP offices.

Name system: HP217L

CPU and speed: 68010, 8MHz

System bus: Proprietary

Max. physical memory, spec. membus, dual ported mem: 4MB, own, none

Type UNIX system: SIII, Berkeley enhancements

Company of UNIX port: HP

Vendors of controllers: HP

Vendors of peripherals: HP

Basic configuration: Processor unit, 14in. monitor, kbd, 1MB RAM. Complete UNIX SIII, FORTRAN, PASCAL, graphics

Applications: Third party

Remarks: Low cost single-user workstation

Distributors: Local HP offices.

Name system: Integral PC

CPU and speed: M68000, 8MHz

System bus: Proprietary

Max. physical memory, spec. membus, dual ported mem: 1.5 (5.5MB w. expanders)

Type UNIX system: SIII w. Berkeley enhancements, easy interface windowing graphics

Company of UNIX port: HP

HEWLETT PACKARD (cont.)

Vendors of controllers: HP

Vendors of peripherals: HP

Basic configuration: Integrated system, 9in. flat panel display, Thinkjet-printer, 512KB, 710KB disc, UNIX windows

Applications: Memomaker, Multiplan, Calculator, TK Solver, Microtrak PCF, Diagraph, Picture Perfect

Remarks: Highly integrated portable system, UNIX in ROM (256KB)

Distributors: Local HP offices.

HIGH LEVEL HARDWARE LTD

PO Box 170, Windmill Road, Headington, Oxford, OX3 7BN, UK

Tel: 0865-750494

Name system: Orion TM

CPU and speed: 32 bit virtual memory system using AM2901C bit slice processors; 8MHz. User microprogrammable

System bus: Proprietary. VME bus adaptor available as option

Max. physical memory, spec. membus, dual ported mem: 40MB, proprietary system backplane interconnect, no

Type UNIX system: 4.1 or 4.2 BSD

Company of UNIX port: High Level Hardware

Vendors of controllers: High Level Hardware

Vendors of peripherals: High Level Hardware

Basic configuration: CPU, 1MB main memory, 80MB Winchester disk, 1/4in. cartridge tape, 4 terminal ports

Applications: General scientific use including development and implementation of IKBS (intelligent knowledge based systems), computer algebra, etc

Remarks: Languages include C, BCPL, Fortran 77, Pascal, Lisp and Prolog. High resolution colour and black and white graphics. Ethernet, Newcastle Connection, X.25 support available

Distributors: Scientific Computers Ltd. Advent Systems Ltd.

IBC/INTEGRATED BUSINESS COMPUTERS

21621 Nordhoff Street, Chatsworth CA.91311, USA

Tel: (818) 882-9007

Name system: IBC Ensign

CPU and speed: Motorola 68010, 12.5MHz

System bus: Proprietary

Max. physical memory, spec. membus, dual ported mem: 8MB

Type UNIX system: System V

Company of UNIX port: Unisoft, Berkeley CA

Vendors of controllers: IBC/Integrated Business Computers

Vendors of peripherals: Kimtron, Fujitsu, Kennedy, IDT

Basic configuration: 16 SIO 1MB memory, 85MB hard disk, 1 Centronics parallel port

Applications: ASM-68, SMC Basic, Basic Plus, Cobol, Fortran-77, Pascal, Unify, VX-Basic

Distributors:

A.C.C., Nederland
Adcins, AB Winterswijk
Bel Business Equip. Ltd., Lagos State,
Nigeria
BIEM, Ankara, Turkey
Byte Business Systems, Sandton, South
Africa
Byte Ltda, Bogota, Colombia
Bytes & Flights, Blaine, WA, USA
Care, Wichita, KS, USA
CBL Holding, Christchurch, New Zealand
CFB S.A., Venezuela and Buenos Aires,
Argentina
Chanel Int, Finance
China Business Assoc./CBA
Cigna UMW Finance, Los Angeles, CA,
90004, USA
Cima Inc, Miami, FL, USA
Computer House Bussum, Bussum, Holland
CTA Comp., Driebergen, Holland
Cyclops, Dublin, Ireland
Datacom, New Zealand
Dentronix Systems Inc., Santa Ana, CA,
USA
Digidat AG, Winterthur, Switzerland
Digital Dynamics, Harrogate, N. York-
shire, UK
DON Wirkkala
Fussner Computersysteme, Rheine, West
Germany
Gain Associates
Han Shan Tang Ltd., London, UK
Herzke Computer, Andernach, W. Germany
High Performance Computer, Frankfurt/
Main, FRG
IBC Australia, Victoria, Australia
IBC Belux, Aalst, Belgium
IBC France, Paris, France
IMCA/Gunther Leue, Haunetal-Wehrda,
West Germany
Indamerica, Los Angeles, CA, USA
Inophase, Singapore
Integrated Systems/ISSEC, Hacienda
Heights, CA, USA
IPACS, Singapore
JASA, Jakarta, Indonesia
John McIntosh
John Quilter, NSW, Australia

Johnson Insurance,
LA Grange Group, Barcelona, Spain
Leon Carp,
Logabax, Frankfurt/Main, W. Germany
Logabox
Manucomp
Matti Laiho Lohja, Lohja, Finland
Metcom, Wigan, Lancashire, UK
Micros
Microtech, Stockholm, Sweden
Mitech, London, UK
MOS Systems SA Ent., Barcelona, Spain
Multipurpose Micro
National Elect. Power Auth./NEPA, London,
UK
New Age Software Ltd
Nie Electronics, Kuala Lumpur, Malaysia
NOR Sales, Oslo, Norway
Numicron, Meggen, Switzerland
Nuova Adveico SPA, Palma, Italy
Nymak Elect. (SAS), Woodland Hills, CA,
USA
Onyx Computer GmbH, Frankfurt/Main,
W. Germany
Oriental Komputer, Jakarta, Indonesia
Piaggi International, Pacific Palisades, CA,
USA
Practica, Burgess Hill, Sussex, UK
Professional Comp. Sys.
Pyramid Trading
RC Importaciones, Buenos Aires, Argentina
Redisa
Roland Int'l Freight
Rothwell Data Systems
Seepm Systems, Dublin, Ireland
Senstag AG, Adetswil, Switzerland
Sepi Mexicano
Sidel NV, Gent, Belgium
SIP, Quartier Latin Noumea Nouvelle, CA
SIP Machines
Sistematica, Mexico D.F., Mexico
Systems Group, Melbourne, Australia
Tekelec, Sevres, France
Traffic Intl.
Viking Mikrosystemer AS
Witraco, Singapore
Yuen TZE Electrical
Yuenta Micro, Montreal, Canada

INTEGRATED MICRO PRODUCTS LTD.

No 1, Industrial Estate, Medomsley Road, Consett, Co. Durham, UK
Tel: 0207-503481

Name system: IMP-68, CT-68X

CPU and speed: 68000, 8/10MHz

System bus: S100 (IEEE696) VME

Max. physical memory, spec. membus, dual ported mem: 4MB

Type UNIX system: XENIX IDRIS

Company of UNIX port: Logica

Vendors of controllers: Imp

Vendors of peripherals: Imp

Basic configuration: 512KB RAM, 20MB Winchester, floppy, 10 I/O

Applications: Scientific and technical, general business

Remarks: British design and manufacture. CT-68X version is SBC, very fast.

INTELLIMAC INC.

6001 Montrose Road, Sixth Floor, Rockville, Maryland 20852, USA.

Tel: (301) 984-8000

Name system: IN/7000M

CPU and speed: 68000, 12.5MHz; 68020, 16.7MHz; 68010, 12.5MHz

System bus: Multibus (IEEE 796); however each CPU has proprietary local bus allowing access to 6MB physical memory per processor

Max. physical memory, spec. membus, dual ported mem: 16MB Multibus memory shared with x number processors

Type UNIX system: Version 7. System V

Company of UNIX port: Version 7 – Pacific Microcomputers, System V – InTELLiMac

Vendors of controllers: Interphase, Ciprico, Taisho, CDC

Vendors of peripherals: Data South, Imagen, Printronix, Co.Itoh, Apple, IBM, DEC

Basic configuration: IN/7000M; single/multiple 68000 boards; 4MB local high-speed memory; 512KB global Multibus memory; 330MB Winchester; 50MB – 25MB fixed/25MB removable 8in. Winchester cartridge; 1.6MB DSDD floppy; 21 slot Multibus CC; 23in. x 3 lin. x 72in. cabinet

Applications: Ada software development; signal processing; process control; real-time applications using INTELLIMAC family of 680X0-based host and target systems

Remarks: INTELLIMAC also manufacturers 680X0-based 1/2 ATR Mil-Spec target computers fully compatible with IN/7000 development systems

Distributors: INTELLIMAC Inc.

INTERNATIONAL COMPUTERS LTD.

World Headquarters, ICL House, Putney, London SW15 1SW, UK

Tel: (01) 788-7272

Name system: ICL CLAN

CPU and speed: 10MHz Motorola 68010

System bus: Motorola Versabus

Max. physical memory, spec. membus, dual ported mem: Maximum memory –
3MB

Type UNIX system: Uniplus+

Company of UNIX port: Unisoft Corporation

Vendors of controllers: ICL

Vendors of peripherals: ICL

Basic configuration: 512KB memory, 40MB fixed disc, 20MB cartridge tape,
6 x I/O ports

Applications: Wide range of office systems software and vertical market
software

Distributors: ICL appointed distributors.

JUPITER SYSTEMS

1100 Marina Village Pkwy, Alameda, CA 94501, USA

Tel: (415) 523 9000 Telex: 176248

Name system: Jupiter 12 graphics workstation

CPU and speed: MC68010, 8MHz with no wait states

System bus: Q-bus

Max. physical memory, spec. membus, dual ported mem: 4MB physical, 4MB virtual per process

Type UNIX system: 4.2 BSD

Company of UNIX port: Jupiter

Vendors of controllers: DEC, Jupiter

Basic configuration: 4-bit colour graphic system, 1280 x 1024 display, 1MB system, mem, 50MB Winchester

Applications: CAD/CAM, simulation, imaging, architecture

Remarks: High resolution colour graphics workstation. Ethernet optional

Distributors: Ambitron Newbury, Berkshire, UK

KONTRON MIKROCOMPUTER GmbH

Breslauer Str. 2, 8057 Eching b. München, W. Germany
Tel. 089/31901-0

Name system: Kontron PSI9068

CPU and speed: MC 68000, 10MHz

System bus: Multibus (P 796)

Max. physical memory, spec. membus, dual ported mem: 2MB no wait-states

Type UNIX system: UNIX V7 plus Berkeley enhancement, Sys. III compatible

Company of UNIX port: Unisoft

Basic configuration: 20MB Disk, 512KB RAM, 616KB 5¼in. floppy

Remarks: I/O Subsystem with 25KB dual ported memory

Distributors: Tekelec TA Airtronic, Zoetermeer,
The Netherlands.

Kontron GmbH & Co KG, Vienna,
Austria

Heliagraph p.v.b.a., Merelbeke,
Belgium

SC Metric A/S, Naerum, Denmark
E. Blichfeld APS, Hoersholm,
Denmark

Kontron S.A. France, Velizy-
Villacoublay, France

Tabor Electronics, Haifa, Israel

Eledra 35 S.p.A., Milan, Italy

Tekelec Airtronic, AB Zoetermeer,
Netherlands

Bergman Instrumentering A/S,
Oslo, Norway

Braamfontein, South Africa

Kontron S.A., Madrid, Spain

Kontron Electronic AG, Zurich,
Switzerland

Kontron Electronic SA, Epalinges,
Switzerland

Kontron S.p.A., Milan, Italy

Kontron K.K., Chiyoda-Ku-Tokyo,
Tokyo

Trane International Co., Ltd.
Bangkok.

Kontron Electronics Ltd., St. Alban
UK

Kontron Electronic Inc., Redwood
City, CA, USA

MASSCOMP U.K. LIMITED

Kings Lodge, 194 Kings Road, Reading, Berkshire RG1 4NH, UK
Tel: 0734-500345

Name system: MC500
Workstation 500

CPU and speed: 68000/68010, 10MHz

System bus: Proprietary bus plus Multibus plus STD bus

Max. physical memory, spec. membus, dual ported mem: 6MB real; 16MB
virtual per process

Type UNIX system: System V with Berkeley 4.2 enhancements

Company of UNIX port: AT&T

Vendors of controllers: Masscomp, DSD, Xylogics, CPC

Vendors of peripherals: Fujitsu, Ikegami, Cypher, Masscomp

Basic configuration: Virtual memory CPU, 3 serial lines, VDU, 1MB RAM,
50MB Winchester, 1MB floppy, pedestal

Applications: Real time data acquisition; signal processing; CAD/CAM; high
speed computer; imaging

Remarks: Scientific workstation with high speed peripherals e.g. 10 Megaflop
array processor; 1MHz analogue-to-digital converter.

METHEUS CORP.

5510 NE Elam Young Parkway, Hillsboro, OR 97123, USA

Tel: (503) 640-8000

Name system: Metheus 750

CPU and speed: 68000, 12.5MHz (2)

System bus: Multibus

Max: physical memory, spec. membus, dual ported mem: 1MB-4MB triple-ported

Type UNIX system: UNIX 4.1 BSD

Basic configuration: 30MB Winchester 1MB colour raster 1024 x 768, 1BM floppy, 6-RS232, 2-RS449, Mouse, remote diagnostics, 13 slots

Applications: VLSI design station.

MICROPROJECT BV

Claus Sluterweg 125, 2012 WS Haarlem, The Netherlands

Tel: + 31-23-292084

Name system: Newlab

CPU and speed: MC68010, 10MHz, No wait states

System bus: Labbus

Max. physical memory, spec. membus, dual ported mem: 1MB on board

Type UNIX system: UNIX System V

Company of UNIX port: Ace

Vendors of controllers:

CPU board: Microproject

Floppy contr: Microproject

Raster contr: Microproject

Asynch. contr: Microproject

(Cart) tape contr: Microproject

LAN contr: Microproject

Vendors of peripherals:

Disk: BASF, CMI, or any ST-506 or SASI compatible drive

(Cart) tape: any SASI compatible drive floppy: TEAC

Basic configuration: MC68010/mmu/0.5MB-1MB CPU module, four channel serial interface, disk interface, 12-64MB disk, 3.5in. floppy disk

Applications: Software development, wordprocessing, CAD

Remarks: Low cost system with optionally floating point processor. Price \$6500

Distributors: NL: Manudax Nederland BV, Heeswijk, The Netherlands.

Name system: LoVME

CPU and speed: MC68010, 10MHz

System bus: VME-bus

Max. physical memory, spec. membus, dual ported mem: 256MB, 16MB per processor module, 16 processor modules per system. Each processor module has a local bus for memory and/or function extension

Type UNIX system: UNIX System V

Company of UNIX port: ACE

Vendors of controllers:

CPU board: Microproject

Floppy contr: Microproject

Raster contr: Microproject

Asynch. contr: Microproject

(Cart) tape contr: Microproject

LAN contr: Microproject

MICROPROJECT BV (cont.)

Vendors of peripherals:

Disk: CDC, or any SMD or SASI compatible drive
(Cart) tape: any SMD or SASI compatible drive
Floppy: any industry standard drive

Basic configuration: Minimum two CPU boards

Applications: General purpose machine, education (great number of users)

Remarks:

- cpu boards with cache memory
- floating point coprocessor
- multi-processor UNIX implementation

Distributors: NL: Manudax Nederland BV, Heeswijk, The Netherlands.

Name system: Unicorn-10

CPU and speed: MC68010, 10MHz, No wait states

System bus: VME

Max. physical memory, spec. membus, dual ported mem: 4MB

Type UNIX system: UNIX System V

Company of UNIX port: ACE

Vendors of controllers:

CPU board: Microproject
Floppy contr: Microproject
Raster contr: Microproject
Asynch. contr: Microproject
(Cart) tape contr: Microproject
LAN contr: Microproject

Vendors of peripherals:

Disk: BASF, CMI, or any ST-506 or SASI compatible drive
(Cart) tape: any SASI compatible drive
Floppy: TEAC

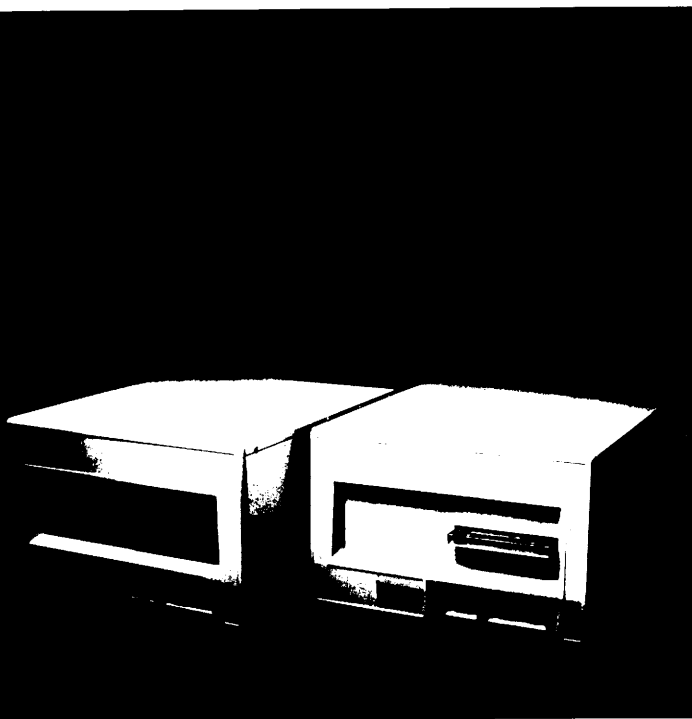
Basic configuration: MC68010/mmu/buscontroller module, floating point processor, 1MB memory, four serial ports, 10-220MB disk, 3.5in. floppy drive

Applications: Software development, wordprocessing, CAD

Remarks: High performance UNIX system based on VME-bus. Price \$7000

Distributors: NL: Manudax Nederland BV, Heeswijk, The Netherlands.

Momentum 32 and 32/E



The Momentum 32 and 32/E are the price/performance powerhouses of Momentum's family of super-microcomputers. Both models were designed specifically for the high-volume, private label and OEM markets. The Momentum 32 is the multiuser workhorse offering price efficiency and minicomputer performance capabilities. The Momentum 32/E is a high-performance masterpiece integrating the industry's highest reliability with outstanding performance.

Momentum

Momentum Computer Systems International 2730 Junction Avenue San Jose, CA 95134
(408) 942-0638 Telex: 184806 (TRT) 172509 (WUT)

Multiuser

Full UNIX™ support, optimized kernel, up to 16 users, VAX™ class performance.

Customizable by Choice

Direct memory access (DMA), stepper Winchester, linear voice-coil Winchester, 5 1/4-inch and 8-inch floppy disc drives, streaming magnetic tape cartridge, fixed or intelligent serial I/O.

Super Micro

High power M68000™ microprocessor, 8MHz clock rate, proprietary MMU, four channel direct memory access (DMA) controller (selected models).

Standard Software

Multiuser/multitasking UNIX, C, word processing, and spreadsheet.

MOMENTUM COMPUTER SYSTEMS INTERNATIONAL

2730 Junction Avenue, San Jose, CA 95134, USA

Tel: (408) 942-0638 Telex: 184806

MOMENTUM EUROPE

Au Devin 11, PO Box 71, CH-1092 Belmont, Switzerland

Tel: (21) - 285 516 Telex: 25770

Name system: Momentum 32

CPU and speed: 68000/68010, 8MHz

System bus: Own

Max. physical memory, spec. membus, dual ported mem: 2MB

Type UNIX system: UNIX System III with Berkeley enhancement

Company of UNIX port: Unisoft

Vendors of controllers:

CPU board: Own

Floppy contr: Own

Asynch. contr: Own

Basic configuration: 512KB, 2 x RS232, 10/20/40/50/80MB (1 or 2)

Applications: C, Pascal, Fortran, Horizon, Spread Sheet, XED, Unify, Informix, Multiplan, Philon Fast C-Basic + M-Basic, Philon Cobol

Remarks: Own MMU for 150ns RAM, desk top multi user system

Distributors:

Modulator SA, Liebefeld-Berne, Switzerland

Itumic OY, Jyväskylä 45, Finland

Strhold Spa, Reggio Emilia, Italy

Info-Quest Ltd., Athens, Greece

I V H E, Ispringen, Germany

Name system: Momentum 32/E

CPU and speed: 68000/68010, 8MHz

System bus: Own

Max. physical memory, spec. membus, dual ported mem: 2MB

Type UNIX system: UNIX System III with Berkeley enhancement

Company of UNIX port: Unisoft

Vendors of controllers:

CPU board: Own

Floppy contr: Own

Asynch. contr: Own

(Cart.) tape contr: Own

Basic configuration: 512KB, 2 x RS232, 10/20/40/50/80MB Winchester stepper (1 or 2), 25 - 85MB Winchester LVC (1 or 2)

Applications: G, Pascal, Fortran, Horizon, Spread Sheet, XED, Unify, Informix, Multiplan, Philon Fast C-Basic + M-Basic, Philon Cobol

Remarks: Own MMU for 150ns RAM, desk top multi user system, DMA, floppy or cartridge tape

MOMENTUM COMPUTER SYSTEMS INTERNATIONAL

MOMENTUM EUROPE (cont.)

Distributors: Modulator SA, Liebefeld-Berne, Switzerland
Itumic OY, Jyväskylä 45, Finland
Strhold Spa, Reggio Emilia, Italy
I V H E, 7536 Ispringen, Germany
Info-Quest Ltd., Athens, Greece

Name system: Momentum 32/4

CPU and speed: 68000, 8MHz (2)

System bus: Own

Max. physical memory, spec. membus, dual ported mem: 1MB

Type UNIX system: UNIX V7 with Momentum and Berkeley enhancement

Company of UNIX port: Unisoft

Vendors of controllers:

CPU board: Own

Floppy contr: Own

Raster contr: Own

Asynch. contr: Own

(Cart.) tape contr: Own

LAN contr: Own

Basic configuration: 512KB, 4 x RS232, 2 x 5MB removable Winchester,
SASI port

Applications: C, Pascal, Basic, Fortran, Cobol, Horizon, Spread Sheet, Unify,
Window Manager

Remarks: Own MMU for 150ns RAM, desk top multi user system, 1024 x 700
raster, bitmap graphics with dedicated 68000

Distributors:

Modulator SA, Liebefeld-Berne, Switzerland

Itumic OY, Jyväskylä 45, Finland

Strhold Spa, Reggio Emilia, Italy

I V H E, Ipringen, Germany

Info-Quest Ltd., Athens, Greece

MOSTEK (see United Technologies MOSTEK)

MOTOROLA INFORMATION SYSTEMS GROUP

27 Market Street, Maidenhead, Berkshire, UK

Tel: 0628-39121

Name system: Series 2000, Model 260

CPU and speed: Motorola 16/32 bit MC 68010. 375ns two-byte access

System bus: 4MB per second bandwidth, 24 bit address with 16 bit, data bus interleaved multi channel DMA

Max. physical memory, spec. membus, dual ported mem: 512KB – 1MB RAM

Type UNIX system: VM System V

Company of UNIX port: Motorola

Vendors of controllers: Motorola

Vendors of peripherals: Diablo, Qume, CMI Maxtor

Basic configuration: 68010 Processor: 512KB 68010 memory; 384KB I/O processor; 6 Serial I/O interfaces; 5/15MB or 5/52MB disk systems support of 1-8 terminals

Applications: Word processing, spreadsheet, relational database, Pascal, RM Cobol, Basic, TTY, 3270, 2780. IBM PC-Link

Remarks: Maximum disk capacity 369K

Distributors: Motorola direct sales channels and appointed value-added rollers.

Name system: Series 6000, System 6600

CPU and speed: Multiple independent parallel processors architecture with Application Processor employing a 10MHz demand paging Motorola 68010. File processor; terminal processor and cluster processor using separate 80186 microprocessors. System can be configured with different mix of processors to suit applications. System Bus: 6600 system bus is an expandable, asynchronous parallel bus that transfers 8, 16 or 32 bits at a time. Transfer rate is 11MB per second.

Max. physical memory, spec. membus, dual ported mem: 4MB per application processor, 0.75MB per file processor, 0.75MB per terminal processor, 0.75MB per cluster processor

Type UNIX system: Same as SYSTEM 6300

Company of UNIX port: Convergent Technologies

Vendors of controllers: Same as System 6300

Vendors of peripherals: Same as System 6300

Basic configuration: Single enclosure with one application processor; one file processor; one terminal or cluster processor; 37MB disk and choice of backup media

Applications: Same as System 6300

Remarks: Same as 6300

Distributors: Same as 6300

MOTOROLA INFORMATION SYSTEMS GROUP (cont.)

Name system: Series 6000, System 6300

CPU and speed: Motorola 68010 with demand paging memory management
10MHz; 17 32-bit data and address registers; 14 addressing modes

System bus: 24-bit address bus and 16 bit asynchronous data bus structure

Max. physical memory, spec. membus, dual ported mem: 2MB memory

Type UNIX system: CTIX – UNIX devised operating system with Berkeley
enhancements (viz virtual memory; record locking and error recovery).
Compatible with AT&T System V

Company of UNIX port: Convergent Technologies

Vendors of peripherals: Diablo, Centronic, Maxtor

Basic configuration: Single board CPU board with 512MB memory and disk
controller; floppy and 37MB Winchester disk

Applications: Word processing; relational database; graphics; IBM comm; X25;
X21; language processors (C Pascal, RM Cobol; F77; Sibol; Mumps; SMC
Basics); Spreadsheet; IBM PC link; Local Area Network; accounting packages

Remarks: System 6300 is object code compatible to the System 6600; supports
National Language characters and 1-8 terminals

Distributors: Marketed via Motorola Sales Offices and appointed Value-Added
Resellers.

OMNIBYTE CORPORATION

245 West Roosevelt Road, West Chicago, Illinois 60185, USA
Tel: (312) 231-6880

Name system: OB68K/SYS

CPU and speed: 68000

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem: 128KB dual port mem.
16MB

Type UNIX system: IDRIS

Company of UNIX port: Whitesmiths Ltd (IDRIS)

Vendors of controllers: Omnibyte Corp. OB68K1A

Vendors of peripherals: Data Systems Design DSD-7217

Basic configuration: MC68000 CPU board, (6) Serial I/O ports, (1) Centronics printer port, 20MB hard disk, 1MB floppy disk

Applications: Software development/Target applications

Remarks: Design to support our 68000/IEEE 796 product line

Distributors:

Unitronic, Glen Waverley, Victoria,
Australia

Master Data AB., Solna, Sweden

Micro-Tec, Volketswil, Switzerland

Advanced Micro Products Co., Ltd.,
Taipei, Taiwan

Computer Overseas Corporation,
Huderabad, India

Anglia Technology Ltd., Norwich, UK

Claus Polack, Stuttgart, West Germany

DeGidts & Feldman BV., Almere-
Haven, Holland

Lana Sarrate SA., Barcelona, Spain

Winline, Milan, Italy

Auriema France, Cedex, France

E.C. Gough Ltd., Christchurch,
New Zealand

Latindata, Bogota, Colombia

Gimm-Young Company, Korea

Promilect (PTY) Ltd., Transvaal,
Republic of South Africa

Microboards Inc., Chiba, Japan

Nanco Electronics Supply Ltd., Kowloon,
Hong Kong

PACIFIC MICROCOMPUTERS INC.

160 Chesterfield Drive, Cardiff, CA 92007, USA

Tel: (619) 436-8649

Name system: PM 200

CPU and speed: 68010, 10MHz

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem: 256KB-8MB

Type UNIX system: UNIX System V, Uniplus+

Company of UNIX port: Unisoft

Vendors of controllers: CPU board; Pacific Microcomputers; Floppy controller, Konan

Vendors of peripherals: Disk: Rodime; Floppy: Dysan

Basic configuration: CPU based development system: Guardian enclosure, 1MB memory expansion, 10 serial I/O ports, 20MB 5¼in. Winchester drive, 1MB floppy drive, System V binary UNIX operating system

Applications: OEM development systems

Remarks: Also sell microprocessor board in a 10 or 12MHz, standard or dual beginning at \$1990

Distributors: Diamond Point International, Cleveland, Ohio, USA.

Name system: PM400

CPU and speed: 68010, 10MHz

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem: 256KB-8MB

Type UNIX system: UNIX System V, Uniplus+

Company of UNIX port: Unisoft

Vendors of controllers: CPU board; Pacific Microcomputers, Floppy controller, Konan

Vendors of peripherals: Disk: Rodime, Floppy, Dysan

Basic configuration: CPU based development system: 1MB memory expansion, 10 serial I/O ports, 84MB 8in. Winchester drive, ½in. 9-track streaming tape drive, System V binary UNIX operating system.

Applications: OEM development systems

Remarks: Also sell microprocessor board in a 10 or 12MHz, standard or dual, beginning at \$1990

Distributors: Diamond Point International, Cleveland, OH, USA.

PARALLEL COMPUTERS INC.

3004 Mission Street, Santa Cruz, CA 95060, USA

Tel: (408) 429 1338

Name system: Parallel 300 Fault Management Computer

CPU and speed: 68010, 10MHz

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem: 4MB

Type UNIX system: UNIX 4.2 BSD

Company of UNIX port: Parallel

Vendors of controllers: Parallel, Standard Multibus cards supported

Vendors of peripherals: Disks: Fujitsu

Cartridge tape: Cipher

Basic configuration: Any application where high system integrity is important, especially in communications, network services, industrial and on-line applications

Remarks: Fully fault tolerant, self diagnosing, user serviceable computer

Distributors: Systime plc, Millshaw Park, Leeds LS11 0LT, UK

PCS PERIPHERE COMPUTER SYSTEMS GmbH
(Pfaelzer Waldstr. 36, 8000, München 90, West Germany
Tel: 089/67804-0

Name system: Cadmus 9212H
CPU and speed: MC68000, 10MHz
System bus: Q-bus
Max. physical memory, spec. membus, dual ported mem: 0.5-4MB dual port
(own memory bus)

Type UNIX system: MUNIX (System III)

Company of UNIX port: Own

Vendors of controllers:

CPU board: PCS
Floppy: Andromeda
Raster contr: PCS
Asynch. contr: PCS
LAN contr: 3Com

Vendors of peripherals:

Disk: Tandon
Floppy: Tandon

Basic configuration: CPU, 512KB, 20MB Winchester, 0.5MB floppy, 4 serial
lines, 1 parallel line, DM 32978

Applications: Toolmachine

Distributors:

Cadmus Inc., USA	Diode, Belgium
PCS Cadmus Ltd., UK	SPM, Hong Kong
Jacquard Systems, France	ASR, Japan
Adcomp AG, Switzerland	MLL, Israel
Diode, The Netherlands	

Name system: Cadmus 9230
CPU and speed: MC68000, 10MHz
System bus: Q-bus
Max. physical memory, spec. membus, dual ported mem: 1-4MB dualport (own
memory bus)

Type UNIX system: MUNIX (System III)

Company of UNIX port: Own

Vendors of controllers:

CPU board: PCS
Raster contr: PCS
Asynch. contr: PCS
(Cart.) tape contr: PCS
Winch. contr: Emulex
LAN contr: 3Com

PCS PERIPHERE COMPUTER SYSTEMS GmbH (cont.)

Vendors of peripherals:

Disk: Fujitsu

(Cart.) tape: Cipher

Basic configuration: CPU, 1MB, 65MB Winchester, 16MB cartridge tape, 8 serial lines, 1 parallel line, DM 68134

Applications: Toolmachine

Distributors:

Cadmus Inc., USA

PCS Cadmus Ltd., UK

Jacquard Systems, France

Adcomp AG, Switzerland

Diode, The Netherlands

Diode, Belgium

SPM, Hong Kong

ASR, Japan

MLL, Israel

Name system: Cadmus 9230/V

CPU and speed: MC68010, 10MHz

System bus: Q-bus

Max. physical memory, spec. membus, dual ported mem: 1-4MB dualport (own memory bus)

Type UNIX system: Virtual MUNIX (System V)

Company of UNIX port: Own

Vendors of controllers:

CPU board: PCS

Raster contr: PCS

Asynch. contr: PCS

(Cart.) tape contr: PCS

Winch. contr: Emulex

LAN contr: 3Com

Vendors of peripherals:

Disk: Fujitsu

(Cart.) tape: Cipher

Basic configuration: CPU, 1MB, 65MB Winchester, 16MB cartridge tape, 8 serial lines, 1 parallel line, DM 71500

Applications: Toolmachine, CAD/CAM/CAE

Distributors:

Cadmus Inc., USA

PCS Cadmus Ltd., UK

Jacquard Systems, France

Adcomp AG, Switzerland

Diode, The Netherlands

Diode, Belgium

SPM, Hong Kong

ASR, Japan

MLL, Israel

PCS PERIPHERE COMPUTER SYSTEMS GbmH (cont.)

Name system: Cadmus 9240

CPU and speed: MC68000, 10MHz

System bus: Q-bus

Max. physical memory, spec. membus, dual ported mem: 2-4MB dualport (own memory bus)

Type UNIX system: MUNIX (System III)

Company of UNIX port: Own

Vendors of controllers:

CPU board: PCS

Raster contr: PCS

Asynch. contr: PCS

(Cart.) tape contr: PCS

Winch. contr: Emulex

LAN contr: 3Com

Vendors of peripherals:

Disk: Fujitsu

(Cart.) tape: Cipher

Basic configuration: CPU, 2MB, 130MB Winchester, 16MB cartridge tape, 12 serial lines, 1 parallel line, DM 113770

Applications: Toolmachine

Distributors:

Cadmus Inc., USA

PCS Cadmus Ltd., UK

Jacquard Systems, France

Adcomp AG, Switzerland

Diode, The Netherlands

Diode, Belgium

SPM, Hong Kong

ASR, Japan

MLL, Israel

Name system: Cadmus 9230

CPU and speed: MC 68010, 10MHz

System bus: Q-bus, S-bus

Type UNIX system: MUNIX (UNIX System V)

Company of UNIX port: PCS

Vendors of controllers: Emulex, PCS

Vendors of peripherals: Fujitsu, Cipher

Basic configuration: 1MB RAM, 8 serial lines, 65MB Winchester, 16MB Streamer

Applications: Commercial applications, software development, CAD, CAP

PCS PERIPHERE COMPUTER SYSTEME GmbH (cont.)

Remarks: Rack mounted version

Distributors: In Switzerland, France, Belgium/Luxembourg, Netherlands, Hong Kong, Japan, Israel, Sweden (OEM), United Kingdom (OEM), Austria and USA.

Name system: Cadmus 9520

CPU and speed: MC68010, 10MHz

System bus: Q-bus/S-bus

Max. physical memory, spec. membus, dual ported mem: 4MB, dual ported memory

Type UNIX system: MUNIX (UNIX System V)

Company of UNIX port: PCS

Vendors of controllers: Adaptec, Sysgen, PCS

Vendors of peripherals: Maxtor, Cipher

Basic configuration: 1MB RAM, 8 serial lines (RS 232), 50MB Winchester, 40MB Streamer

Applications: Commercial applications, software development, CAD, CAP

Remarks: Floor mounted version

Distributors: In Switzerland, France, Belgium/Luxembourg, Netherlands, Hong Kong, Japan, Israel, Sweden (OEM), United Kingdom (OEM), Austria and USA.

Name system: Cadmus 9520 (Tower)

CPU and speed: MC68010, 10MHz

System bus: Q-bus

Max. physical memory, spec. membus, dual ported mem: 1-2MB dual port (own memory bus)

Type UNIX system: Virtual MUNIX (SYSTEM V)

Company of UNIX port: PCS

Vendors of controllers:

CPU board: PCS

Raster contr: PCS

Asynch. contr: PCS

Winch. contr: Adaptec

(Cart.) tape contr: Sysgen

LAN contr: 3Com

PCS PERIPHERE COMPUTER SYSTEME GmbH (cont.)

Vendors of peripherals:

Disk: Maxtor

Cart. tape: Cipher/Tandberg

Basic configuration: CPU, 1MB, 50MB Winchester, 40MB cartridge tape, 4 serial lines, DM 59320

Applications: Toolmachine, CAD/CAM/CAE

Distributors:

Cadmus Inc., USA

PCS Cadmus Ltd., UK

Jacquard Systems, France

Adcomp AG, Switzerland

Diode, The Netherlands

Diode, Belgium

SPM, Hong Kong

ASR, Japan

MLL, Israel

PERKIN-ELMER DATA SYSTEMS

260A Bath Road, Slough, SL1 4ES, UK

Tel: 0753-77777

Name system: PE 7350A

CPU and speed: M68000, 8MHz, no wait states, on board memory

System bus: Versabus

Max. physical memory, spec. membus, dual ported mem: Up to 3MB

Type UNIX system: Uniplus

Company of UNIX port: Unisoft

Vendors of controllers: Versabus compatible

Vendors of peripherals: Versabus and IEEE-488 compatible

Basic configuration: 512KB, 15MB disc, floppy diskette

Applications: Standard Perkin-Elmer support for word-processing, spreadsheet and database, plus third party software. "Start" program and from OEMs

Remarks: Standard Uniplus version, System V available mid-1985.

Name System: 3203/3205/3210/3230/3250XP

CPU and speed: Proprietary 32-bit, 0.3 to 1.2MIPS

System bus: 1.5MB/s to 64MB/s proprietary

Max. physical memory, spec. membus, dual ported mem: Up to 16MB multi-banked memory

Type UNIX system: Xelos – UNIX System V Release 2

Company of UNIX port: Perkin-Elmer

Vendors of controllers: Perkin-Elmer

Vendors of peripherals: Perkin-Elmer

Basic configuration: 1MB, 51MB disc, cartridge tape, 8 ports

Applications: Standard support for word-processing, spreadsheet and database plus third party software under "Start" program and from OEMs

Remarks: Full, standard UNIX system

Distributors: Systime, ABS and many OEMS.

PERQ SYSTEMS CORPORATION

P.O. Box 2600, Pittsburgh, PA. 15230, USA

Tel: (412) 355-0900

Name system: PERQ Workstation

CPU and speed: Proprietary; 1MHz, microprogrammable, C, Pascal, LISP

System bus: Proprietary; 24-bit

Max. physical memory, spec. membus, dual ported mem: 2MB physical memory, dual-ported

Type UNIX System: AT&T System V operating under Accent Operating System for network transparency

Company of UNIX port: PERQ Systems Corp.

Vendors of controllers: Several

Vendors of peripherals: Several

Basic configuration: 1-2MB memory; 768 x 1024 or 1024 x 1280, 60Hz, non-interlaced monochrome display; tablet, Mouse, keyboard, floppy disk; 40-288MB Winchester; Ethernet, GPIB, RS-422, custom I/Fs.

Applications: OEM Computer aided printing & publishing; CAD, CAE, custom

Remarks: Also features Common LISP

Distributors: PERQ Systems Corp. (USA); International Computers Ltd. (ICL) Europe.

Name System: PERQ (high performance networked graphics workstation)

CPU and speed: 16-bit proprietary bit slice processor

System bus: Proprietary

Max. physical memory, spec. membus, dual ported mem: 1-2MB

Type UNIX system: UNIX System V environment, licensed from AT&T

Company of UNIX port: AT&T

Vendors of controllers: Proprietary

Vendors of peripherals: Proprietary

Basic configuration: 1MB memory, 20in., 1280 x 1024 B&W landscape display, 43MB Winchester disk, keyboard, IEEE 488 GPIB interface, 2 RS232 interface, speech output, micro diagnostics, microprogrammable processor, pointing tablet, 3-button Mouse, Accent™ operating system (Lisp, C, Pascal). TM Accent is a trademark of Carnegie Meelor University

Distributors:

International Computers Ltd., UK

Rikei Corporation, Japan

OML Computers Ltd., India

PERTEC COMPUTER CORPORATION

17112 Armstrong Avenue, Irvine, CA 92714, USA

Tel: (714) 660-0488

Name system: Pertec 3200

CPU and speed: MC68000

System bus: T-bus, proprietary

Max. physical memory, spec. membus, dual ported mem: 512KB to 4.0MB

Type UNIX system: Uniplus and System V

Company of UNIX port: Unisoft systems

Basic configuration: MC68000 CPU, 512KB, 4 x RS232 ports, 40MB Winchester, 53MB disk

Applications: Unify, Q-office

Distributors:

Aston Technology, Birmingham, UK

Ruf-Buchhaltung GmbH, Austria

Avatech, Courbevoie, France

Eurotechnica, Clichy, France

IMP GmbH, West Germany

Datatronics, Torino, Italy

Fenner Elektronik AG, Switzerland

Ruf-Buchhaltung AG, Zurich, Switzerland

Avatech, Zurich, Switzerland

Kode Ltd., UK

PHILIPS INTERNATIONAL B.V., P.D. S&I C.D. T&M

Building TQIII-4, Eindhoven, The Netherlands

Tel: 040-788054

Name System: PM 4800 Philips Engineering and Development System

CPU and speed: 68000, 8MHz

System bus: Own

Max. physical memory, spec. membus, dual ported mem: 256KB - 1MB

Type UNIX system: UNIX V7 plus enhancements (from System V)

Company of UNIX port: ACE B.V.

Vendors of controllers: Own

Vendors of peripherals:

Disk: Rodine

Floppy: Own

Basic configuration: 11MB Winchester, 256KB, 0.7MB floppy hfl. > 30,000

Applications: Single user system for hardware and software development and integration

Remarks: Cross assembler C, Pascal, PLM86, F77 for a series of microprocessors.

Name system: PM 4422 Philips Microcomputer Development System

CPU and speed: 68000, 8MHz

System bus: Own

Max. physical memory, spec. membus, dual ported mem: 256KB - 1.5MB

Type UNIX system: UNIX V7 plus enhancement (from System V)

Company of UNIX port: ACE B.V.

Vendors of controllers:

Asynch. contr: Own

(Cart.) tape contr: Own

Disk contr: Own

Vendors of peripherals:

Disk: Rodine

(Cart.) tape: Archive

Floppy: Own

Basic configuration: 22MB Winchester, 512KB, CRT, keyboard, UNIX kernel, 3 x RS232, 50,000

Applications: Cross assemblers, C, Pascal, PLM86, F77, microprocessor development

Remarks: Special hardware for debugging software/hardware integration.

PLESSEY MICROSYSTEMS LTD

Water Lane, Towcester, Northants NN12 7JN, UK

Tel: 0327-30312

Name system: System 68

CPU and speed: MC68000/68010, 10MHz

System bus: Multibus (IEEE796)

Max. physical memory, spec. membus, dual ported mem: 4MB

Type UNIX system: System V/XENIX V3.0

Company of UNIX port: Unisoft/Microsoft

Basic configuration: 84MB Winchester, 1MB RAM, 1/4in. tape

Applications: Software development, general business and office applications.
Also suitable for OEMs and VARs

Remarks: Various options available, including 168MB Winchester, Ethernet,
Support and training available

PLEXUS COMPUTERS LTD

16 Cherry Orchard West, Kembrey Park, Swindon, Wiltshire, SN2 6UY, UK
Tel: 0793-614110

Name system: P/35

CPU and speed: 68000, 12.5MHz

System bus: Multibus (IEE796)

Max. physical memory, spec. membus, dual ported mem: 2MB ECC memory,
dedicated 32-bit memory bus

Type UNIX system: System III

Company of UNIX port: Plexus

Vendors of controllers:

Intelligent mass storage processor (IMSP) – Plexus

Intelligent communications processor (ICP) – Plexus

Intelligent Ethernet controller (IEC) - Excelan

Vendors of peripherals: Winchester disks – Fujitsu or NEC; Tape drives –
Cipher or Archive

Basic configuration: P/35, 512KB ECC memory, 22MB Winchester disk, IMSP,
CIP with 8 x RS232 and 1 x parallel printer port, 45MB cartridge tape drive

Applications: Any commercial UNIX application demanding high performance

Remarks: The P/35 offers excellent performance and reliability for up to 16
users in stand-alone or networked configurations

Distributors:

Modulator SA, Berne, Switzerland

Nuova Adveico, Parma, Italy

Computershop Minhoff, West Berlin

Microcomputing, Merelbeke, Belgium

Datapac SA, Thessaloniki, Greece

Plexus Computers Inc, San Jose, CA, USA

Name System: P/60

CPU and speed: 68000, 12.5MHz

System bus: Multibus (IEE796)

Max. physical memory, spec. membus, dual ported mem: 4MB ECC memory,
dedicated 32-bit memory bus

Type UNIX system: System III

Company of UNIX port: Plexus

Vendor of controllers:

Intelligent mass storage processor (IMSP) – Plexus

Intelligent communications processor (ICP) – Plexus

Intelligent Ethernet controller (IEC) – Excelan

Vendors of peripherals: Winchester disks – Fujitsu or NEC; Tape drives – Cipher
or Archive

PLEXUS COMPUTERS LTD (cont.)

Basic configuration: P/60, 512KB memory, 72MB Winchester disk, IMSP, ICP with 8 x RS232 and 1 x parallel printer port, 9-track tape drive.

Applications: Any commercial UNIX application demanding high performance

Remarks: The P/60 offers excellent performance and reliability for up to 40 users in stand-alone or networked configurations. Can also be configured as a network file server

Distributors:

Modulator SA, Berne, Switzerland
Computership Minhoff, West Berlin
Datapac SA, Thessaloniki, Greece
Nuova Adveico, Parma, Italy
Microcomputing, Merelbeke, Belgium
Plexus Computers, San Jose, CA, USA

Name system: P/15

CPU and speed: 678010 (two), 10MHz

System bus: Proprietary

Max. physical memory, spec. membus, dual ported mem: 2MB

Type UNIX system: System III

Company of UNIX port: Plexus

Basic configuration: P/15, 512KB memory, 1MB floppy disk drive, 12MB Winchester disk, 8 x RS232 ports

Applications: Any commercial UNIX application demanding high performance

Remarks: Ideal for supporting 8 users with high processor performance and fast terminal response

Distributors:

Modulator SA, Berne, Switzerland
Computershop Minhoff, West Berlin
Datapac SA, Thessaloniki, Greece
Nuova Adveico, Parma, Italy
Microcomputing, Merelbeke, Belgium
Plexus Computers Inc, San Jose, CA, USA

SCAN COMPUTERS

Church Street, Storrington, W. Sussex, RH20 4LZ, UK
Tel: 09066-5432

Name system: Onyx, C5002A/C8002A/C5012D/C5012V

CPU and speed: Z8001, 6MHz

System bus: Onyx Unique

Max. physical memory, spec. membus, dual ported mem: 1MB

Type UNIX system: System III

Company of UNIX port: Onyx Systems Inc.

Vendors of controllers: Onyx

Vendors of peripherals: Various

Basic configuration: 512K, 5 user, 14MB, expandable to 1MB, 11 user, 60 MB

Applications: Commercial packages, office automation

Name system: Onyx C8002M

CPU and speed: Z8002 and Z80, 4MHz

System bus: Onyx Unique

Max. physical memory, spec. membus, dual ported mem: 1MB

Type UNIX system: System III

Company of UNIX port: Onyx Systems Inc.

Vendors of controllers: Onyx

Vendors of peripherals: Various

Basic configuration: 256K, 8 user, 20MB, expandable to 1MB, 8 user, 120MB

Applications: Commercial packages, office automation.

SGS-SYSTEMS DIVISION

Centro Direzionale Colleoni, Palazzo Andromeda 3, Via Paracelso 20, 20041
Agrate Brianza-MI, Italy
Tel: +39 39 63551

Name system: Samson

CPU and speed: Zilog Z8003 and Z8015, 6MHz clock

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem: 6MB, Sambus (proprietary) with dual port memory

Type UNIX system: System III with demand paging plus Berkeley enhancements

Company of UNIX port: SGS

Vendors of controllers: Ciprico and SGS

Vendors of peripherals: 3M Priam

Basic configuration: 0.5MB RAM, 10 I/O ports, 85MB hard disk, 67MB streamer

Applications: Wide variety

Distributors: Worldwide – apply for details.

SPERRY LIMITED COMPUTER SYSTEMS

Stonebridge Park, London, NW10 8LS, UK

Tel: 01-965 0511

Name system: 5000/20

CPU and speed: M68010, 10MHz

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem: 2MB memory

Type UNIX system: UNIX System V plus BSD enhancements

Basic configuration: 1MB memory, 46MB fixed disk, 45MB tape streamer, 8RS-232 serial asynchronous communications ports, 1 parallel printer port

Applications: Oracle, Q-office, RM-Cobol, Fortran, IBM BSC/SNA communications, Sperry communications, menu dev. system, level II Cobol, Pascal, etc plus third party applications

Remarks: 8 RS-232 ports max. All Sperry 5000 Series have same C compiler and software generation system, optional 1 x 5¼in. diskette

Distributors: Distributor network currently being finalised.

Name system: 5000/40

CPU and speed: M68010, 10MHz

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem:

8MB memory,

2KB cache

Type UNIX system: UNIX System V plus BSD enhancements

Basic configuration: 1MB memory, 2KB cache, 46MB fixed disk, 45MB tape streamer, 8 RS-232 serial asynchronous communications ports, 1 parallel printer port

Applications: Oracle, Q-office, RM-Cobol, Fortran, IBM BSC/SNA communications, Sperry communications, menu dev. system, level II Cobol, Pascal, etc plus third party applications

Remarks: 16RS-232 ports max. All Sperry 5000 series have the same C compiler and software generation system. Optional 1 x 5¼in. diskette

Distributors: Distributor network currently being finalised.

Name system: 5000/60

CPU and speed: M68000, 12.5MHz

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem: 8MB memory, 8KB cache 32 bit processor memory bus plus 33.3MB/s data buses

Type UNIX system: UNIX System V plus BSD enhancements

Basic configuration: 2MB memory, 4KB cache, 160MB fixed disk, 45MB tape streamer, 16 RS-232 serial communications ports, 2 parallel printer ports

SPERRY LIMITED COMPUTER SYSTEMS (cont.)

Applications: Oracle, Q-office, RM-Cobol, Fortan, IBM BSC/SNA communications, Sperry communications, menu dev. system, level II Cobol, Pascal, etc plus third party applications

Remarks: 40 RS-232 ports max. Max. of x2 closely coupled processors. Max. 320MB disk. All Sperry 5000 Series have the same C compiler and software generation system

Distributors: Distributor network currently being finalised.

Name system: 5000/80

CPU and speed: M68000, 12.5MHz

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem: 16MB memory, 16KB cache, 32 bit processor memory bus plus 33.3MB/s data buses

Type UNIX system: UNIX System V plus BSD enhancements

Basic configuration: 2MB memory, 4KB cache, 160MB fixed disk, 45MB tape streamer, 16 RS-232 serial communications ports, 2 parallel printer ports

Applications: Oracle, Q-office, RM-Cobol, Fortan, IBM BSC/SNA communications, Sperry communications, menu dev. system, level II Cobol, Pascal, etc plus third party applications

Remarks: 80 RS-232 ports max. Max of 4 closely coupled processors. 160MB and 474MB disk drives to max of 2.5GB. All 5000 Series have same C compiler and software generation system

Distributors: Distributor network currently being finalised.

Name system: 7000/40

CPU and speed: Proprietary 32 bit CPU

System bus: Versabus

Max. physical memory, spec. membus, dual ported mem: 8MB memory, 44KB cache, 4 way interleaving

Type UNIX system: UNIX System V plus BSD enhancements

Basic configuration: 4MB memory, 160MB fixed disk, 9 track tape drive, 16 RS-232 serial communications ports

Applications: Oracle, Q-office, RM-Cobol, Fortan, IBM BSC/SNA communications, Sperry communications, menu dev. system, level II Cobol, Pascal, etc plus third party applications

SPERRY LIMITED COMPUTER SYSTEMS (cont.)

Remarks: Max. 128 RS-232 ports. Optional FPP, 160MB, 340MB and 300MB (removable) disc drives to 4GB max. Aim benchmark CPU performance of 7.7MIP

Distributors: Distributor network currently being finalised.

STRIDE MICRO

4905 Energy Way, P.O. Box 30016, Reno, NV 89520-0016, USA
Tel: (702) 322 6868

Name system: Stride 420

CPU and speed: Motorola 68000, 10MHz; 12MHz optional

System bus: VMEbus

Max. physical memory, spec. membus, dual ported mem: 2MB

Type UNIX system: UNIX System V

Company of UNIX port: Stride (Motorola V68)

Vendors of controllers: Stride

Vendors of peripherals: Stride, Wyse, Okidata, Qume

Basic configuration: 640K floppy-disk drive, 256KB RAM, 4KB battery backed-up CMOS RAM, Omninet networking hardware, battery backed-up real-time clock, four RS-232 serial ports, one parallel port, 5ft. terminal cable, Liaison Operating System (p-System IV.21)

Applications: Business, software development, scientific, engineering

Remarks: Network diskless work station

Distributors: 32 in 33 countries worldwide.

Name system: Stride 440

CPU and speed: Motorola 68000, 10MHz; 12MHz optional

System bus: VMEbus

Max. physical memory, spec. membus, dual ported mem: 8MB

Type UNIX system: UNIX System V

Company of UNIX port: Stride (Motorola V68)

Vendors of controllers: Stride

Vendors of peripherals: Stride, Wyse, Okidata, Qume

Basic configuration: 640KB floppy-disk drive, 10MB Winchester, 256KB RAM, 4KB battery backed-up CMOS RAM, Omninet networking hardware, VMEbus compatability, battery backed-up real-time clock, 10 RS-232C serial ports, one parallel port, 5ft. terminal cable, Liaison Operating System (p-System IV.21)

Applications: Business, software development, scientific, engineering

Distributors: 32 in 33 countries worldwide.

Name system: Stride 460

CPU and speed: Motorola 68000, 10MHz; 12MHz optional

System bus: VMEbus

Max. physical memory, spec. membus, dual ported mem: 12MB

STRIDE MICRO (cont.)

Type UNIX system: UNIX System V

Company of UNIX port: Stride (Motorola V68)

Vendors of controllers: Stride

Vendors of peripherals: Stride, Wyse, Okidata, Qume

Basic configuration: 640KB floppy-disk drive, 20MB Winchester, 256KB RAM, 4KB battery backed-up CMOS RAM, Omninet networking hardware, VME-bus compatible battery backed-up real-time clock, 10 RS-232C serial ports, one parallel port, 5ft. terminal cable, Liaison Operating System, (p-System IV.21)

Applications: Business, software development, scientific, engineering

Distributors: 32 in 33 countries worldwide.

SUN MICROSYSTEMS EUROPE

Kings Ride Court, Kings Ride, Ascot, Berks SL5 7JR, UK

Tel: 0990-25942

Name system: Sun-2/50

CPU and speed: MC68010, 10MHz zero wait states

System bus: Bounded system

Max. physical memory, spec. membus, dual ported mem: 1MB-4MB, dual high speed bus

Type UNIX system: UNIX 4.2 BSD

Company of UNIX port: Own

Vendors of controllers: CPU/Ethernet/Video Controller/Memory: – own;
FPP – Sky

Basic configuration: CPU, 1152 x 900 resolution raster display, keyboard and Mouse, 1MB, 2 x RS423 ports, Ethernet (contact local Sun office or Distributor for prices)

Applications: General purpose high performance engineering/scientific workstation

Remarks: Use a diskless node

Distributors:

Koning En Hartman, En the Hague,
Netherlands

Delphi S.p.A., Viareggio, Italy

Ericsson Information Systems AB,
Sundbyberg, Sweden

E & M Engineering, Tel-Aviv, Israel

Name system: Sun-2/120

CPU and speed: MC68010, 10MHz zero wait states

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem: 1MB-4MB, dual high speed bus

Type UNIX system: UNIX 4.2 BSD

Company of UNIX port: Own

Vendors of controllers: CPU board – own; Ethernet Controller – own; Video Controller – own; Memory – own; FPP – Sky

Vendors of peripherals: Disks – various; Cartridge Tape – Cifer; ½in. tape – CDC

Basic configuration: CPU, 1152 x 900 resolution raster display, keyboard and Mouse, 1MB, 2 x RS423 ports, Ethernet (contact local Sun office or Distributor for prices)

SUN MICROSYSTEMS EUROPE (cont.)

Applications: General purpose high performance engineering/scientific workstation

Remarks: Three configurations: – file server, discless node or stand-alone system

Distributors:

Koning En Hartman, En the Hague,
Netherlands

Delphi S.p.A., Viareggio, Italy

Ericsson Information Systems AB,
Sundbyberg, Sweden

E & M Engineering, Tel-Aviv, Israel

Name system: Sun-2/160

CPU and speed: MC68010, 10MHz zero wait states

System bus: VME

Max. physical memory, spec. membus, dual ported mem: 1MB-4MB, dual high speed bus

Type UNIX system: UNIX 4.2 BSD

Company of UNIX port: Own

Vendors of controllers: CPU/colour controller/Ethernet/Memory – own;
FPP – Sky

Vendors of peripherals: Disks – various; Tapes – various

Basic configuration: CPU, 1152 x 900 colour resolution raster display, keyboard and Mouse, 1MB, 2 x RS423 ports, Ethernet (contact local Sun office or Distributor for prices)

Applications: CAD, mapping, simulation, kinematic analysis, robotics and modelling

Remarks: Colour workstation

Distributors:

Koning En Hartman, En the Hague,
Netherlands

Delphi S.p.A., Viareggio, Italy

Ericsson Information Systems AB,
Sundbyberg, Sweden

E & M Engineering, Tel-Aviv, Israel

TADPOLE TECHNOLOGY PLC

151 Cambridge Science Park, Milton Road, Cambridge, CB4 4BH, UK
Tel: 0223-861112

Name system: Titan

CPU and speed: 68000/68010, 10MHz

System bus: Multibus

Max. physical memory, spec. membus, dual ported mem: 1MB on board; iLBX
or Multibus memory up to 4MB, 96KB/384KB graphics memory, dualported

Type UNIX system: UNIX System V

Company of UNIX port: Root (Uniplus+)

Vendors of controllers: Can supply to order

Vendors of peripherals: Plotter, digitiser, Mouse, monitors, terminals

Basic configuration: 68000, 10MHz, 1MB RAM, 512 x 512 colour graphics,
20MB, 1MB floppy, 3 users, UNIX System V

Applications: Professional eg. CAD/CAM, scientific, education, business

Remarks: Titan is available in a number of flexible configurations with facilities
for high resolution colour graphics. Multiuser up to 10 users, Ethernet, tape
streamer backup and increases storage capacity.

TERAK

14151 N. 76th Street, Scottsdale, AZ 85260, USA
Tel: (602) 998-4800

Name system: Terak GS 50/32

CPU and speed: NS32016, 10MHz; NS32032, 10MHz; AMD29116 for integrated graphics – 1280 x 960 x 1 – monochrome, 1280 x 960 x 4 or 8 – colour

System bus: 2 proprietary internal, plus Multibus external

Max. physical memory, spec. membus, dual ported mem: 4MB in basic workstation, 16MB with accelerator processor (NS32032)

Type UNIX system: Berkeley 4.2

Company of UNIX port: National Semiconductor

Vendors of controllers: Terak plus Multibus

Vendors of peripherals: Miniscribe, Micropolis, Teac, Wangtek, C.I.TOH, Houston Instrument, Calcomp, Hewlett Packard (plotters)

Basic configuration: CPU, 1MB memory, 20MB Winchester, 1.2MB 3½in. flexible disc, keyboard, Mouse, OS and “C” – (\$24,000 US)

Applications: Design Pro/M – 3-D mechanical design/drafting
Design Pro/E – Electronic schematic capture/net list extraction/Back annotation/PC layout

Remarks: Full windowing system with Icons, graphics function Manager (GFM) simplifies interface to graphics functions = GKS Level 2C with ANSI X3H3 proposed 3-D extensions – virtual device interface

Distributors: To be determined.

TORCH COMPUTERS LIMITED

Abberley House, Great Shelford, Cambridge CB3 5LQ, UK

Tel: (0223) 841000

Name system: Unicorn

CPU and speed: 68000, 10MHz

Max. physical memory, spec. membus, dual ported mem: 1MB plus 32K

Type UNIX system: Unisoft, Uniplus plus System III plus 4.2 BSD enhancements

Company of UNIX port: Root Computers Ltd

Basic configuration: 20MB to 50MB hard disk (Winchester), 400KB floppy disk, 1 serial port, 1 parallel port, SCSI interface card, SCSI hard disk controller, 75W switchmode PSU

Applications: Scientific (incl. energy), Research, Engineering, Health, Defence, Estate Management, Education, Government (local and national), Industrial, Banking, Business

Remarks: Connects to BBC via tube connector (processor), 1MHz bus (hard disk unit), disk interface (floppy), uses BBC microcomputer as keyboard and peripheral controller. Believed to be the most powerful UNIX Computer currently available. Price: £3995 complete

Distributors: Torch Computer direct sales department and National and International dealership network.

Name system: Professional range: TX20/CX20 Models

CPU and speed: 68000, 10MHz

Max. physical memory, spec. membus, dual ported mem: 1MB

Type UNIX system: Unisoft, Uniplus, System III plus 4.2 BSD enhancements

Company of UNIX port: Root Computers Ltd

Basic configuration: 20MB to 50MB Winchester hard disk, 1MB RAM, 2 x 400KB floppy disk, 1 serial port, 1 parallel port, full colour graphics, high resolution screen, full communications, Torchnet LAN, multi-user – up to 11 users

Applications: Scientific (incl. energy), research, engineering, health, education, military estate management, industrial, business (incl. banking), government (national & regional)

Remarks: Price: CX20 – £5925, TX20 – £6425 with modem

Distributors: Torch direct sales, and a national and international network of approved dealerships.

Name system: 725 Range microcomputer

CPU and speed: 68000, 10MHz

Max. physical memory, spec. membus, dual ported mem: 1MB

TORCH COMPUTERS LIMITED (cont.)

Type UNIX system: Unisoft, Uniplus, System III plus 4.2 BSD enhancements

Company of UNIX port: Root Computers Ltd

Basic configuration: 20MB to 50MB hard disk (Winchester), 2 floppy drives, 400KB floppy disk, 1 serial port, 1 parallel port, SCSI interface card, SCSI hard disc controller, 75W switchmode PSU

Applications: Scientific (incl. energy) research, engineering, health education, estate management, military, business (incl. banking) government (central and regional)

Remarks: Price: £5995

Distributors: Torch direct sales, and a national and international network of approved dealerships.

UNIQUX LIMITED

109 Connaught Avenue, Frinton, Essex CO13 9PS, UK
Tel: 02556-79121

Name system: UNIQUX Sprite

CPU and speed: 68000, 10MHz or 68010, 10MHz

Max. physical memory, spec. membus, dual ported mem: 1MB

Type UNIX system: System V

Company of UNIX port: Uniplus

Basic configuration: 68000, 1MB memory, 800KB floppy disk, 3 serial ports.
10/20/33MB Winchester disk.

Applications: 1/2/3 user system -- all normal UNIX applications

Remarks: Compact system barely 2½in. high. Low cost

Distributors: Contact Jack Hart at UNIQUX

Name system: UNIQUX Spirit

CPU and speed: 68000, 10MHz or 68010 10MHz

System bus: IEEE-696

Max. physical memory, spec. membus, dual ported mem: 4MB

Type UNIX system: System V

Company of UNIX port: Uniplus

Basic configuration: 68000 1MB memory, 800K floppy disk, 7 serial ports,
30/50/70MB Winchester disk

Remarks: Other configurations include graphics/networked workstations

Distributors: Contact Jack Hart at UNIQUX

Name system: UNIQUX Spectre M70XT

CPU and speed: 58010, 10MHz

System bus: IEEE-696

Max. physical memory, spec. membus, dual ported mem: 8MB

Type UNIX system: Uniplus System V

Company of UNIX port: Unisoft

Basic configuration: 68010, 2MB memory, 70MB Winchester disk, 45MB tape
cartridge, floppy disk, 15 serial ports

Applications: Multi-user UNIX system

Remarks: Wide range of expansion options including twin disk/twin controller
configurations

Distributors: Contact Jack Hart at UNIQUX

UNITED TECHNOLOGIES, MOSTEK

Avenue de Tervuren 270-272, BTE 2, B-1150 Brussels, Belgium
Tel: +02 762.18.80

Name system: MK75.102 - VME Matrix 68K

CPU and speed: 68000, 8/10MHz

System bus: VMEbus

Max. physical memory, spec. membus, dual ported mem: 16MB, optional ECC memory subsystem, 128/512KB DP DRAM on MMCPU

Type UNIX system: Uniplus +- UNIX System 3/5

Company of UNIX port: Unisoft Systems

Vendors of controllers: United Technologies, Mostek

Vendors of peripherals: CDC (WINI), Shugart (floppy)

Basic configuration: Microcomputer system with 68K MMCPU, 640KB DRAM, 5 SIQ channels, SASI FDC pins SYSCON, 36MB WDD plus 1MB FDD. Uniplus (UNIX 3/5) O/S, Boot 68K monitor, 68K assembler, C compiler

Applications:

- software development
- commercial EDP
- network controller

Remarks: Optional Fortran - Pascal compilers, macro ass/linker, UNIX reconfiguration optional FFP board, IEEE-488, SMD interfaces, Ethernet controller, Intelligent I/O

VICTORY COMPUTER SYSTEMS INC.

16-10 Berryessa Road, San Jose, CA 35133, USA

Tel: (408) 259-7370 Telex: 176-431

Name system: Factor; Microfactor

CPU and speed: 68000, 10MHz; \emptyset Waitstates

System bus: VMEbus

Max. physical memory, spec. membus, dual ported mem: 4MB

Type UNIX system: UNIX System V (Uniplus +)

Company of UNIX port: Unisoft

Vendors of controllers: Victory

Vendors of peripherals: Maxtor, Quantum, CDC, Tandon

Basic configuration: 1MB, 8 RS232, 1 Centronics, 40MB Winchester 6 slots
(8 slots)

Applications: Ethernet, floatingpoint processor, CP/M under UNIX, VRTX
with Vx Works development system. Languages: Fortran, Basic, Pascal,
Cobol. Databases: Unify. Text Editors: Lex 68, Crystalwriter, Heiroglyph

Remarks: Factor: Mini mainframe; Microfactor: 19in. rack mount or desktop
or tower; 190MB 5¼in. hard disk

Distributors:

ASI Company Ltd., Osaka, Japan

Computer Enterprises, Chatswood, Australia

Datatec Computer Systems Ltd., Kowloon, Hong Kong

MDC, Wanchai, Hong Kong

Sigman Enterprises, Seoul, Korea

Facen Electronics, Wasquehal, France

Fannyudde Data, Taby, Sweden

IRTH GmbH, Hamburg, West Germany

Rodata AG, Duebendorf, Switzerland

Van Der Kley Administratie Sys. V, D P Nijmegen, Netherlands

Teice Control S.A., Madrid, Spain

Micro Systems, Athens, Greece

Dage, Aylesbury, Bucks, UK

IRTA, Aachen, Germany

ZILOG INC.

1315 Dell Avenue, Campbell CA 95008, USA
Tel: (408) 370 8000

Name system: System 8000 model II

CPU and speed: Z8001, 5.5MHz

System bus: Proprietary

Max. physical memory, spec. membus, dual ported mem: 2MB Parity or 1MB
EEC

Type UNIX system: System III

Company of UNIX port: Zilog

Vendors of controllers: Zilog

Vendors of peripherals: NEC, Fujitsu, Micropolis, DEI, CDC, Zentec

Basic configuration: ½MB memory, 19MB disk, 8 user, cartridge tape drive

Applications: Commercial (eg. word processing, accounting, data base management), scientific, graphics

Remarks: Expandable to 16 users, 71MB disk

Distributors:

Zilog (UK) Ltd., Maidenhead, Berkshire, UK

Zilog (SARL), La Defense, Paris

Zilog (GmbH), Taufkirchen, Munich, Germany

Name system: System 8000, Model IIplus

CPU and speed: Z8001, 5.5MHz

System bus: Proprietary

Max. physical memory, spec. membus, dual ported mem: 2MB parity or 1MB
ECC

Type UNIX system: System III

Company of UNIX port: Zilog

Vendors of controllers: Zilog

Vendors of peripherals: NEC, Fujitsu, Micropolis, DEI, CDC, Zentec

Basic configuration: ½MB memory, 52MB disk, 8 user, cartridge tape drive

Applications: Commercial (eg word processing, accounting, data base management), scientific, graphics

Remarks: Expandable to 16 users, 104MB disk

Distributors:

Zilog (UK) Ltd., Maidenhead, Berkshire, UK

Zilog (SARL), La Defense, Paris

Zilog (GmbH), Taufkirchen, Munich, Germany

ZILOG INC. (cont.)

Name system: System 8000, Model 12

CPU and speed: Z8001A, 11.1MHz

System bus: Proprietary

Max. physical memory, spec. membus, dual ported mem: 2MB parity or 1MB
ECC

Type UNIX system: System III

Company of UNIX port: Zilog

Vendors of controllers: Zilog

Vendors of peripherals: NEC, Fujitsu, Micropolis, DEI, CDC, Zentec

Basic configuration: ½MB memory, 52MB disk, 8 user, cartridge tape drive

Applications: Commercial (eg word processing, accounting, data base management), scientific, graphics

Remarks: Expandable to 16 users, 104MB disk

Distributors:

Zilog (UK) Ltd., Maidenhead, Berkshire, UK

Zilog ((SARL), La Defense, Paris

Zilog (GmbH), Taufkirchen, Munich, Germany

Name system: System 8000, Model 22

CPU and speed: Z8001A, 11.1MHz

System bus: Proprietary

Max. physical memory, spec. membus, dual ported mem: 8MB parity or 3MB
ECC

Type UNIX system: System III

Company of UNIX port: Zilog

Vendors of controllers: Zilog

Vendors of peripherals: NEC, Fujitsu, Micropolis, DEI, CDC, Zentec

Basic configuration: ½MB memory, 52MB disk, 8 user, cartridge tape drive

Applications: Commercial (eg word processing, accounting, data base management), scientific, graphics, communications (2780, 3780, X.25, 3270)

Remarks: Expandable to 40 users, 208MB disk

Distributors:

Zilog (UK) Ltd., Maidenhead, Berkshire, UK

Zilog (SARL), La Defense, Paris

Zilog (GmbH), Taufkirchen, Munich, Germany

ZILOG INC. (cont.)

Name system: System 8000, Model 32

CPU and speed: Z8001A, 11.1MHz

System bus: Proprietary

Max. physical memory, spec. membus, dual ported mem: 8MB parity or 3MB
ECC

Type UNIX system: System III

Company of UNIX port: Zilog

Vendors of controllers: Zilog

Vendors of peripherals: NEC, Fujitsu, Micropolis, DEI, CDC, Zentec

Basic configuration: ½MB memory, 168MB disk, 8 user, cartridge tape drive

Applications: Commercial (eg word processing, accounting, data base management), scientific, graphics, communications (X.25, 2780/3780, 3270, LAN)

Remarks: Expandable to 40 users, 672MB disk

Distributors:

Zilog (UK) Ltd., Maidenhead, Berkshire, UK

Zilog (SARL), La Defense, Paris

Zilog (GmbH), Taufkirchen, Munich, Germany

Index of Systems

	Page		Page
186/486	7	PE 7350A	50
3203/3205/3210/3230/3250XP	50	PERQ Workstation	51
3300, 3400, 3500 Series	13	Pertec 3200	52
586/986	7	PM4422/4800	53
5000/20/40/60/80	59/60	PM200/400	43
680A	9	PN6031/6080/9005/9080	20
680T – Sentinel	9	Power Station 2000	21
725 Range	68	Power Sation 3000	22
7000/40	60	Samson	58
83/500	17	Series 2000, Model 260	40
9730/9740/9750/9760/9770/ 9790	10	Series 6000, System 6300/ 6600	40/41
APS. RMS	6	Standard 3	19
Cadmus 9212H/9230/9230V/ 9240/9230/9520/9520 (Tower)	45/49	Stride 420/440/460	62
CIES 680	12	Supermax	15
CLAN	30	Sun-2/50; /120; /160	64/65
Crystal 68000	8	System 68	54
CX20/TX20	68	System 8000 Model II/Model IIplus/Model 12/Model 22/ Model 32	75
Datapoint 3200	16	Titan	66
Factor	72	TX20/CX20	68
GS 50/32	67	Unicorn	68
HP217L	24	Unicorn-10	36
HP220T	23	UNIQIX Sprite/Spirit/Spectre	70
HP236T/CT	24	Unistar 300	11
HP9000	23	Unite 1i/4i/8i/16i/32i	14
IBC Ensign	27	WorkManager	14
IMP-68, CT-68X	28	WorkMaster	14
IN/7000M	29	WorkMate I/II	14
Integral PC	24	Workstation 500	33
Integrated Spreadsheet 20/20	5		
Jupiter 12	31		
Kontron PSI19068	32		
LoVME	36		
MC500	33		
Metheus 750	34		
Microfactor	72		
MK75.102	71		
Momentum 32; 32/E; 32/4	38/39		
Newlab	35		
OB68K/SYS	42		
Onyx, C5002A/8002A/5012D/ 5012V	57		
Onyx C8002M	57		
Orion	26		
P/35; /60; /15	55		
Parallel 300	44		
PDL/81	18		

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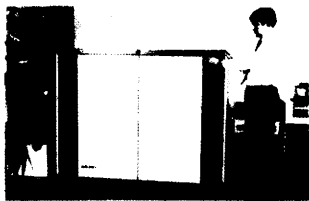
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Index of UNIX Systems

	Page
4.1 BSD	26, 34
4.2 BSD	26, 31, 44, 64, 65, 67, 68, 69
CTIX	41
(HP-UX) Bell Syst. III	23
IDRIS	28, 42
Microsoft Xenix 3.0	7
MUNIX	45, 47, 48
PWB UNIX	18
Regulus	6, 12
System III	15, 23, 24, 25, 38, 45, 47, 55, 56, 57 58, 68, 69, 71, 73, 74, 75
System V	5, 9, 10, 11, 13, 14, 17, 19, 20, 22, 27, 29, 33, 35, 36, 40, 43, 46, 48, 50, 51, 52, 59, 60, 62, 63, 66, 70, 71, 72
System V7	13, 18, 32, 53, 54
Uniplus	17, 50, 52, 68, 69
Uniplus+	30, 43, 71, 72
Uniplus+ System V	8
Unisoft	38, 39, 68, 69
UNOS	16
Virtual MUNIX	46, 48
Virtual System V	21
Xelos	50
XENIS IDRIS	28