

dde

# The Supermax Computer Range



**dde** **supermax**

C O M P U T E R S Y S T E M S

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# Supermax Cabinets

The Supermax computer range consists of four basically identical models. The only significant differences between them are the cabinet sizes and the bus length. The model numbers refer to the maximum numbers of boards that can reside and function simultaneously in each computer system. Independent of model, the Supermax computers are thus modularly upgradeable using identical PCB modules.

	Supermax 24	Supermax 12	Supermax 6	Supermax 4	Supermax Disk Cabinet
<b>Maximum Configuration</b>					
- CPU Modules	8	4	2	1	0
- I/O Modules	15	10	4	2	0
- DIOC Modules	8	4	3	1	0
- Intelligent Units	16	11	5	3	0
<b>Modules in all</b>	24	12	6	4	0
<b>Mass Storage</b>					
<i>Winchester Disk Drives:</i>					
- Half-height (HH)	16	8	6	2	32
- Full-height (FH)	8	4	3	1	16
- 2 X FH + HH	16	8	6	2	32
<i>Front Mounted Peripherals:</i>					
- Half-height (HH)	8	8	4	4	4
- Full-height (FH)	4	4	2	2	2
- 2 X FH + HH	8	8	4	4	4
<b>Input Power Requirements</b>					
- Voltage V	400 2N ±15% 230 ±15%	- 230 ±15%	- 230 ±15%	- 230 ±15%	400 2N ±15% 230 ±15%
- Current A	2 X 6 12	- 6	- 3	- 2	2 X 2 4
- Frequency Hz	47 - 63	47 - 63	47 - 63	47 - 63	47 - 63
<b>Environmental Requirements</b>					
- Temperature	10 - 35°C	10 - 35°C	10 - 35°C	10 - 35°C	10 - 35°C
- Humidity	20 - 80% non cond.	20 - 80% non cond.	20 - 80% non cond.	20 - 80% non cond.	20 - 80% non cond.
<b>Physical Dimensions</b>					
- Height	890mm	890mm	890mm	580mm	890mm
- Width	550mm	550mm	280mm	260mm	280mm
- Depth	1140mm	840mm	850mm	650mm	850mm
- Weight (max.)	220kg	160kg	110kg	45kg	135kg
<b>Electro Magnetic Compatibility</b>	The Supermax is designed to meet the requirements specified in VDE 0871 class B and FCC part 15 subpart J class B.				
<b>Safety</b>	The Supermax is designed to meet the requirements specified in IEC 950, EN 60950 and UL 1950.				
<b>Max. Disk Capacity</b>					
- Internal	12.8 Gb	6.4 Gb	4.8 Gb	1.6 Gb	25.6 Gb
- External	>150 Gb	>70 Gb	>50 Gb	-	-
<b>Max. SPEC Thruput</b>	129.3 (8 CPUs)	66.1 (4 CPUs)	33.9	17.1	-
<b>Max. number of workstations supported</b>	1024	512	128	64	-



SUPERMAX 24



SUPERMAX 12



SUPERMAX 6



SUPERMAX 4