

# M 24 new Pxxx

This section describes the personal computers of the "M 24 new" product line which are based on the models of the M4-Pxx/PCS 51xx line.

## CHARACTERISTICS

Microprocessor	Pentium 75 (75 MHz - 50 MHz system) Pentium 100 (100 MHz - 66 MHz system) Pentium 133 (133 MHz - 66 MHz system)
Case	SLIM TIN
Architecture	ISA/PCI
Processor socket	Socket 5
Memory	Min. 8/16 MB, max. 128 MB with 8-16-32 MB increments. On the motherboard there are four sockets for the installation of the following EDO RAM SIMMs: <b>EXM 40-004</b> One 1 MBx32 (4 MB) SIMM <b>EXM 40-008</b> One 2 MBx32 (8MB) SIMM <b>EXM 50-016</b> One 4 MBx32 (16 MB) SIMM
Memory access rate	70 ns
Memory cache	1st level: integrated in the processor 2 <sup>nd</sup> level: 256 KB
Floppy Disk	<b>First floppy disk drive:</b> Panasonic JU-257A 1.44 MB Mitsubishi MF-355 1.44 MB Sony MP-F17W 1.44 MB Sony MPF420-1 1.44 MB Epson SMD 1040-418 1.44 MB Mitsumi D359T3 1.44 MB TEAC FD235HF 1.44 MB Y-E DATA YD-702B/YD-702D 1.44 MB <b>Second floppy disk drive (optional) :</b> Toshiba ND08 DE 1.2 MB Panasonic JU 475-3/4/5 1.2 MB
Hard Disk	<b>IDE hard disk:</b> Quantum TR 850 AT 850 MB Quantum FR 1280 AT 1.2 GB Conner CFS 1275 A 1.2 GB
Expansion slots on the Riser bus	- 1 PCI Half Size - 1 PCI/ISA Full Size - 1 ISA Full Size
Video controller	Integrated on the motherboard: component Trident TGUI9680-1 with 1 MB or 2 MB of video memory and the DPMS, DDC features
IDE HDU interface	Interface for the management of two Fast IDE Local Bus hard disks

### MOTHERBOARD

**BA2280**  
**BA2284**

ISA/PCI architecture.

### BIOS

The ROM BIOS is a FLASH EPROM. The BIOS code can be updated from diskette. Supported features: Plug&Play, APM.

Last level:  
Rev. 1.21

### RISER BUS EXPANSION BOARD

SLIM TIN BOX: IN 2050

### POWER SUPPLY

SP 100 SBN  
(ASTEC SA131-3400-200,  
LITE ON PA-4111-4F)  
100 W / 120 - 240 V

SP 100 SCN  
(DVE DSP-0584-110 A,  
ASTEC SA131-3400-200,  
LITE ON PA-4111-4F)  
100 W / 120 -240 V

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IDE-AT interface	Interface for the connection of two FDUs or one FDU and one CD-ROM or STU
Mouse	Standard PS/2 interface
Keyboard	Standard PS/2 interface 104/105-key Windows 95 keyboard: ANK 61-104, ANK 61-105

**NOTE:** All information relating to the boards installed in this system and to the motherboard jumper settings is given in Chapter 16 which deals with the personal computers of the M4-Pxx/PCS51xx product line.

