



PANEL PC PPC-PO-186

Features

Physical

Dimensions: 10.23" H x 12.6" W x 4.72" D
 Weight: 17.6 lbs (without keyboard).
 Material: Aluminum
 Handling: 2 x M4 inserts on left and right sides
 VESA interface on the back

Display

Module: color TFT 10.4"
 Resolution: 640 x 480
 Brightness: 400 cd
 Contrast ratio: 150:1
 Dot pitch: 0.33 mm
 Viewing angle: 25°/50°/55°/55° (up, down, right, left)
 Display color: 262K
 Active display area: 221,7 mm x158,9 mm
 Touch screen: surface-wave touch panel

Controls

Connectors: 38999

Electrical Features

Power input: 18/36V DC isolated
 Power consumption: 36W

Keyboard/ Mouse

Function keys: Foldable, PS/2
 2 x 10 keys

Integrated computer

ETX technology with PC104 expansion slots
 Microprocessor: Pentium® II MMX 266 MHz*
 RAM: 64 up to 256 MB
 Graphic RAM: 2 MB
 Serial Port: 1
 Parallel Port: 1
 USB: 1
 HDD: Extractable IDE 2" 20-60 GB
 Flash: 8MB IDE
 Floppy Drive: External on 38999 connector
 CD-ROM: External on 38999 connector
 Ethernet: 10/100 MB/s
 External screen output: Analog or PanelLink
 Expansion slots: 3 x PC104
 Operating system: Windows OS, Linux® or Lynx OS®



Environmental Characteristics

Shock (operating with RAM disk)
 Repetitive shocks: 200x25G 11ms x 6 axes
 One shock: 100G 11ms
 Vibration: 3G RMS 4 to 150 Hz
 Shock (operating with rotating disk)
 Burst: 200x25G 6 ms x 6 axes
 Shock: 50G 11ms
 Vibration: 0,7G RMS 5 to 500 Hz
 Sand/Dust, Salt/Fog, Spill/Rain: MIL STD 810E
 EMC/EMI: MIL STD 461D
 Human factors: MIL STD 1492E

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Environmental Characteristics

Operating temperature:	-15°C to +60°C
Storage temperature:	-30°C to +85°C (-40°C optional)
Humidity :	up to 95% (non condensing)
Altitude:	0 to 45000 feet
Waterproof rating:	NEMA 4
Control and Supervision:	A/M, screen brightness tuning and LED indicators

* We can offer you a flexible choice of CPU and graphic facilities to suit your operating constraints and environmental requirements:

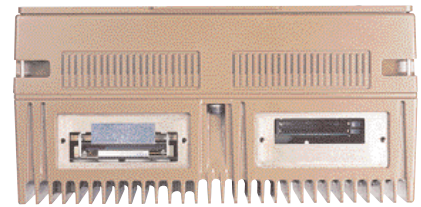
CPU ETX based architecture
Pentium II - 266 MHz / 64 up to 256 MB
Pentium III - 500 or 700 MHz / 64 up to 512 MB
Athlon 1,2 GHz / 64 to 512 MB

Display VGA, SVGA or XGA
10"4 - 400cd/m², 12" - 300cd/m², 10"4 and 12" transfective color TFT technology
Surface-wave or resistive touch panel



The three expansion slots can be supplied with PC104 boards with

- 8 serial ports:
 - 5 RS232C or RS485
 - 3 RS232C or RS422
- 16 I/O opto-isolated points
- PCMCIA: 1 x type II and 1 x type II or III with PCMCIA locations
- Access to extractable hard disk and PCMCIA locations



901D Options

Resistive Touch Screen

Track Ball / Joystick

750 VA UPS

VME/cPCI / SBC

Liquid Cooling

Battery Pack

Multiple Screen Sizes

MIL 38999 Connectors

Failure Management Unit (FMU)

PDU

Extended Temperature Range

All Features, Environmental Characteristics and Options can be customized to your program requirements