

MIL-2010

Portable Workstation for Sub-zero Operation with 12.1" SVGA TFT LCD

NEW



64-bit
Solution

Portable Workstation

ARBOR

Features

CE FCC ...

- * Subzero -20°C Operation
- * Corrosive Prevention
- * Detachable 12.1" SVGA LCD Panel
- * Onboard LAN and Audio
- * 8-slot PICMG Passive Backplane
- * Keyboard with Trackball

Specifications

System

- **CPU:** Intel®Pentium®III/Celeron™ up to 1 GHz, FSB 133 MHz
- **Memory:** Up to 1.5GB PC-133 SDRAM
Three 168-pin DIMM sockets
- **Chipset:** VIA ProSavage™ PL133 (VT8604 Northbridge and VT82C686B Super Southbridge)
- **VGA:** VIA VT8604, integrated 4x AGP S3® Savage4™ 3D and S3® Savage 2000™ 2D engines
- **VRAM:** 32 MB shared
- **Network:** Realtek RTL 8139C, 10/100 Mbps, autoswitching
- **Audio:** Optional AC97 3D Audio
- **EIDE:** UltraDMA 100/66/33
- **Watchdog Timer:** 128-level
- **Weight:** 9.5 Kgs
- **Dimension (W x H x D):** 435 x 285 x 232 mm, 17.1 x 11.2 x 9.1 inch
- **Construction:** AL-6000, 6063-T6, aluminum alloy with hard anodized MIL-A-8625D
- **Color:** Gray

LCD Display

- **Size/Type:** 12.1" TFT Color LCD
- **Max. Resolution:** 800 x 600, SVGA
- **Max. Colors:** 262 K
- **LVDS:** YES

Storage

- **HDD/Type:** 1x 3.5" disk drive
- **Flash Disk:** 1x DiskOnChip socket up to 288 MB

Multi I/O

- **Serial Ports:** 1x RS-232, 1x RS-232/422/485
- **USB:** Two (12Mb/s, 1.5 Mb/s)
- **Parallel:** 1x SPP/EPP/ECP
- **Keyboard/ Mouse:** 1x PS/2 KB/Mouse
- **VGA:** DB-15 connector
- **LAN:** 1x RJ-45
- **Audio:** Optional Mic-in, Line-in, Line-out

Keyboard

- **Keyboard with Trackball:** 105-key alternate layout Keyboard with Trackball on right side under number block. Both keyboard and trackball have a PS/2 interface

Ordering Information

MIL2010-5114

Portable Workstation with 12.1" Color TFT SVGA LCD, PBI-8SA-LT Passive Backplane, 105-Key Keyboard with Trackball, MPW-6230F ATX Power Supply and Carrying Bag

MIL2010-5115

Portable Workstation with 12.1" Color TFT SVGA LCD, PBPI-8SA-64-LT Passive Backplane, 105-Key Keyboard with Trackball, MPW-6230F ATX Power Supply and Carrying Bag

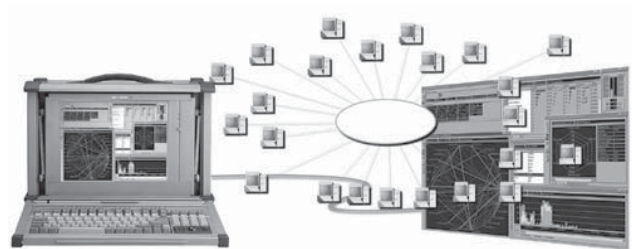
Environmental

- **Operation Temp.:** -20 to 50°C
- **Storage Temp.:** -20 to 60°C
- **Altitude:** 3000 m (10,000 ft)
- **Vibration:** 5 ~ 17 Hz, 0.1 inch, 17 ~ 50 Hz, 1.5 G acceleration (non-operating); 17 ~ 500 Hz, 1.5 G acceleration (operating)
Shock: 10G/peak (11 msec)
- **Cooling Fan:** 2x 42.5 CFM ballbearing fans, 3200 rpm, 80 x 80 x 25 mm
- **EMI/RF:** An electrical conductive layer is added to the hardcoated aluminum chassis and its parts to provide the chassis with an electrical conductive shield. Its standard resistivity level of 500 ohms/square inch enables the chassis to provide the necessary EMI attenuation to pass FCC and CE requirements



Backplane Options:

Model Name	System	Amount of Slot	Power
PBI-8SA-LT	Single	8 ISA, with Temperature Sensor	P8/P9, ATX
PBPI-8SA-64-LT	Single	3 ISA / 4 PCI / 2 PICMG, with Temperature Sensor	P8/P9, ATX



Power Supply Options:

AC/DC ATX Type

Model Name	Watt	Input	Output	Mini-load
MPW-6230F	230 (ATX)	90 ~ 135 VAC, 180 ~ 265 VAC @ 47 ~ 63 Hz Auto-switching	+3.3 V @ 14 A, +5 V @ 16 A, +12 V @ 9 A, -5 V @ 0.2 A, -12 V @ 0.7 A, +5 Vsb @ 1.5 A	+5 V @ 1.6 A, +12 V @ 1 A, +3.3 V @ 1 A

