

PWS-1419/1409

9-slot 14.1" TFT LCD Portable Workstation



Features

- 9-slot ISA/PCI backplane platform
- Full size mechanical key-switch keyboard with touch-pad
- Built-in amplified stereo speakers
- 14.1" TFT LCD w/ 1028x768 resolution
- Add-on Card Retention bar
- Built-in Standard PC I/O Ports
- CE, FCC, CCC, BSMI Compliant
- Carrying case for easy travel

For PWS-1419T/TP only

- MIL-STD-810E compliant
- Impact-resistance protective glass for LCD
- Hard anodizing surface MIL-A-8625II/III
- Complete Aluminum Enclosure

Introduction

PWS-1419T/TP Ruggedized Portable Workstation

The PWS-1419 complies with stringent military and industrial standards. Built with an all aluminum enclosure with hard anodized surface, the PWS-1419T/TP has been thoroughly tested and certified to withstand the most demanding environments. The PWS-1419 is dustproof, moisture resistant, shock/drop proof, and heat/cold resistant. Built-in sound and standard PC I/O ports are provided along with a 14.1" TFT LCD with 1025 x 768 resolution.

Its compact size makes it an ideal solution for field operations and is extremely mobile with the ability to be carried on to a plane or easily fit into a vehicle. It is ruggedly built and expandable while meeting MIL-STD-810E military standards and industrial requirements.

PWS-1409T/TP Portable Workstation

The PWS-1409T/TP is a more practical version of the PWS-1419 portable workstation, making it also ideal for rugged field and mobile applications. The product is built on an aluminum chassis surrounded by a highly durable ABS plastic shell. It offers a cost effective solution for applications such as portable servers, network/communications testing, field data acquisition, remote field service, factory monitoring automation, etc.

Specifications

- **Chassis:** PWS-1419 - complete aluminum
PWS-1409 - aluminum chassis w/ABS plastic shell
- **Backplane:** TP version-1 CPU, 4 ISA, 4 PCI; T version-1 CPU, 8 ISA
- **Keyboard:** full size mechanical key-switch, detachable
- **Power Supply:** AC 110/220 V auto switch

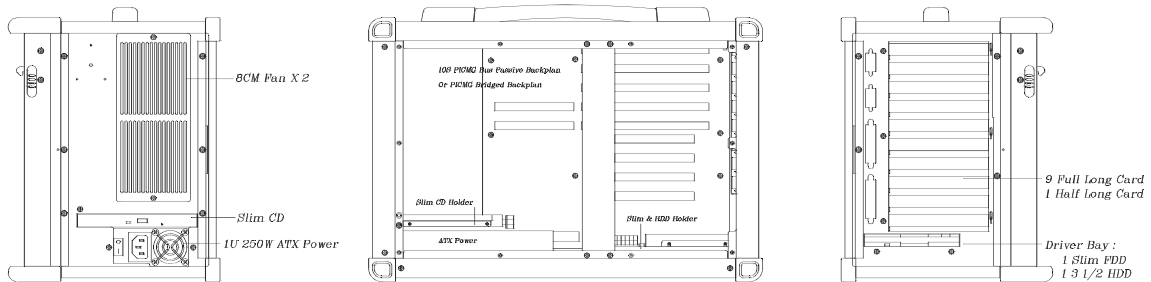
- **Shock:** operating -15 G, 11 ms
storage -50 G, 11 ms (for PWS-1419 only)
- **Vibration:** operating $-20 \sim 60$ Hz, .075 mm
storage $-10 \sim 50$ Hz, .15 mm (for PWS-1419 only)
- **Storage Device:** FDD built-in, plus 1 hard disk bay and 1 slim type CD-ROM bay
- **Temperature:** operating -8° C $\sim 60^{\circ}$ C, Storage -20° C $\sim 60^{\circ}$ C
- **Humidity:** PWS-1419 meth 5 % ~ 95 % RH, non-condensing
PWS-1409 10 % ~ 90 % RH, non-condensing
- **Dimensions (W x H x D) & Weight:**
PWS-1419: 421 mm x 282 mm x 230 mm (16.6" x 11.1" x 9.1"),
26.4 Lbs/12 Kgs
PWS-1409: 400 mm x 320 mm x 200 mm (15.7" x 13.2" x 10.4"),
19.8Lbs/9 Kgs



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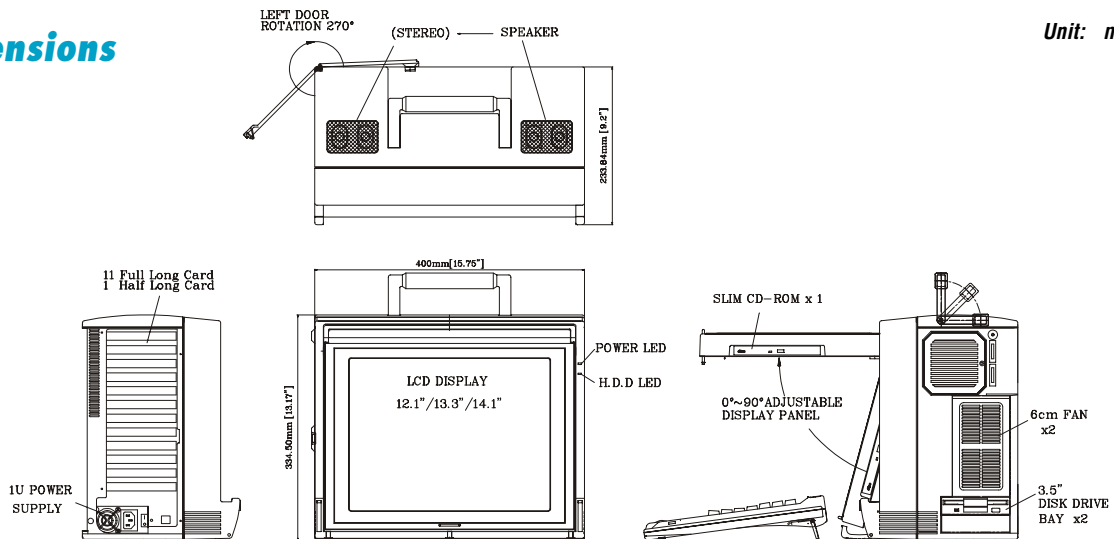
Dimensions

Unit: mm



Dimensions

Unit: mm



	PWS-1409T/TP	PWS-1419T/TP
Display type	14.1" Active Matrix TFT	14.1" Active Matrix TFT
Max. resolution	1024 x 768	1024 x 768
Max. colors	262 K	262 K
Viewing angle	H: left side 40°, right side 40° V: up side 15°, down side 30°	H: left side 50°, right side 50° V: up side 20°, down side 35°
Luminance	130 cd/m ²	220 cd/m ²
Backlight lifetime	25,000 hrs	25,000 hrs

Ordering Information

- ❑ **PWS-1419T**
14.1" LCD, Aluminum Chassis, 8ISA/1CPU, Slim Type FDD
- ❑ **PWS-1419TP**
14.1" LCD, Aluminum Chassis, 4ISA /4PCI/1CPU, Slim Type FDD
- ❑ **PWS-1409T**
14.1" LCD, Aluminum Chassis w/ ABS Plastic Shell, 8ISA/1CPU, standard type FDD
- ❑ **PWS-1409TP**
14.1" LCD Aluminum Chassis w/ ABS Plastic Shell, 4 ISA/4 PCI/1 CPU, standard type FDD