AWS-8259

15" XGA TFT LCD Industrial Workstation with 9 x ISA/PCI/PICMG Slots, Passive **Backplane and Membrane Keypad**



Features

- 9-slot, 15" TFT LCD workstation
- Resolution: 1024 x 768
- Two-piece design: integrated or separated LCD panel & control chassis
- Built-in touchpad, USB port and floppy drive on front panel
- Designed for simple maintenance with hinged rear door for easy access
- Vibration protection up to 1G
- Heavy-duty stainless steel chassis with aluminum front panel
- Hard anodic coating to prevent panel abrasion and acid corrosion
- Front panel is NEMA4/IP65 compliant





Introduction

AWS-8259 is an industrial workstation with 9-slot expansion capability. Featuring a 15" detachable display module, the AWS-8259 has a rugged yet flexible design for factory floor applications. Its 15" high-brightness 1024 x 768 LCD fulfills the needs for large information viewing. In addition, the display module can be easily separated for maintenance.

With waterproof character keypads & touchpad features, an additional keyboard or mouse is not needed for operation. The standard 8U size can easily be installed in either racks or mounted in panels.

Specifications

General

Button Controls

Membrane Keypad 1 39 operating keys Membrane Keypad 2 10 function kevs

10 programmable macro function keys OSD On front panel with backlight on/off switch

Touchpad On front panel

Certifications BSMI, CE, CCC, and FCC class A

Connectors 1 x front-accessible 6-pin PS/2 with dust-protection

door for keyboard

 Cooling System 1 x 86 CFM fan

Dimensions (W x H x D) 482 x 356 x 229 mm (18.98" x 14.0" x 9")

Aluminum Enclosure

Supports one 3.5" FDD, one 3.5" HDD & one slim Disk Drive Bay

CD-ROM (HDD and CD-ROM optional)

LED Indicators Power on/off and HDD activity

Mounting 19" rack

Power Input

Туре	Watt	Input	Output	MTBF	Safety
AC	300 W	100 ~ 240 V _{AC} @ 60 ~ 50 Hz full range 10A			UL/cUL/TUV/ Nemko/FCC/CE EN61000-3-2 Class D/CB/CCC

Weight (Net/ Gross) 18.5 kg (40.79lbs)/20 kg (44.09lbs)

Backplane Options

PCA-6109P4 4 PCI, 4 ISA, 1 CPU slot backplane

PCA-6109 9 ISA slot backplane

LCD Display

 Backlight Life 50,000 hours Display Size 15" Display Type XGA TFT LCD Luminance 350 cd/m² Max. Colors 262 K

Max. Resolution 1024 x 768 Viewing Angle (H/V°) 120/100

Touchscreen (Optional)

Interface RS-232

 Lifespan 10 million touches at a single point

Light Transmission

OS Support MS-DOS, Windows 95/98/NT/2000/XP

Power Consumption +5 V @ 200 mA Resolution 1024 x 1024 Type 8-wire, analog resistive

Environment

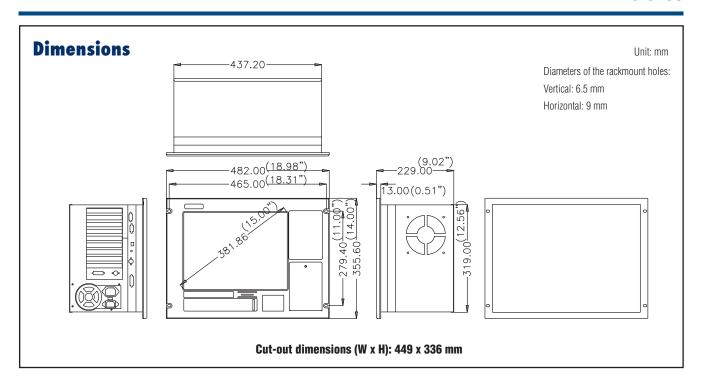
 Humidity $5 \sim 85\%$ RH @ 40° C, non-condensing

- Humidity (Storage) 5 ~ 95% non-condensing Ingress Protection Front panel: NEMA4, IP65 **Operating Temperature** $0 \sim 50^{\circ} \text{ C } (32 \sim 122^{\circ} \text{ F})$

Storage Temperature -20 ~ 60° C

5 ~ 17 Hz, double-amplitude displacement 17 ~ 500 Vibration (Operating)

Hz, 1.0 G peak to peak



Ordering Information

 AWS-8259TP-XAE 15" XGA TFT LCD Passive Backplane Industrial

Workstation with 9 x ISA/PCI/PICMG Slots and

Membrane keypad

AWS-8259TP-RAE AWS-8259TP with resistive touchscreen

(RS-232 interface)

AWS-8259T-XAE 15" XGA TFT LCD Passive Backplane Industrial

Workstation with 9 x ISA Slots and Membrane keypad

- AWS-8259T-RAE AWS-8259T with resistive touchscreen

(RS-232 interface)

CPU Card Suggestions

Part No	CPU Grade	Description
PCA-6186VE-00B2E	Intel Pentium 4 (400/533 MHz FSB)	Socket 478 Pentium 4/Celeron processor card with VGA/LAN/HISA
PCA-6186LV-00B2E	Intel Pentium 4 (400/533 MHz FSB)	Socket 478 Pentium 4/Celeron processor card with VGA/HISA
PCA-6003VE-00A2E	Intel Pentium III (133 MHz FSB)	Socket 370 Pentium/Celeron processor card with VGA/LAN

Accessories

1702002600 Power Cable US Plug 1.8 M **1702002605** Power Cable EU Plug 1.8 M **1702031801** Power Cable UK Plug 1.8 M

1702031836 Power Cable China/Australia Plug 1.8 M

Back View



Side View

