AWS-8259

15" XGA TFT LCD with LED Backlight Industrial Workstation with 7 x PCI/PCIE/PICMG1.3 Slot, Passive Backplane and Membrane Keypad

PICMG 1.3

Features

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

R33138 ㊣ ⒸⒸⒸ CE FCC

Introduction

AWS-8259 is an industrial workstation with 7-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 keys
	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")
- **Enclosure**   Aluminum
- **Disk Drive Bay**   Supports one 3.5" HDD & one slim DVD-ROM (HDD and DVD-ROM optional)
- **LED Indicators**   Power on/off and HDD activity
- **Mounting**   19" rack
- **Power Input**   300 W 100-240V_{AC}/50-60Hz/10A
- **Weight (Net/ Gross)**   18.5 kg (40.79lbs)/20 kg (44.09lbs)

Backplane

- **PCE-5B07**   7 Slots PICMG1.3BP, 2PCIe, 4PCI

LCD Display

- **Backlight Life**   50,000 hours
- **Display Size**   15"
- **Display Type**   XGA TFT LCD with LED Backlight
- **Luminance**   400 cd/m^2
- **Max. Colors**   16.2M/262K
- **Max. Resolution**   1024 x 768
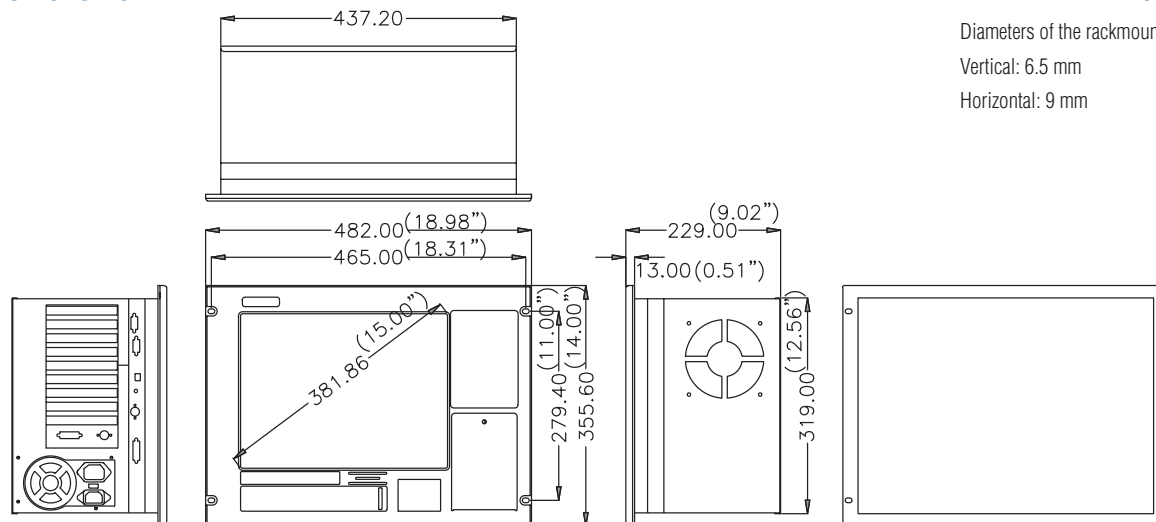- **Viewing Angle (H/V°)**   160/140

Touchscreen (Optional)

- **Interface**   RS-232
- **Lifespan**   36 million touches at a single point
- **Light Transmission**   80 %
- **OS Support**   MS-DOS, Windows 95/98/NT/2000/XP
- **Power Consumption**   +5 V @ 700 mA
- **Type**   5-wire, analog resistive

Environment

- **Humidity**   5 ~ 85% RH @ 40°C, non-condensing
- **Humidity (Storage)**   5 ~ 95% non-condensing
- **Ingress Protection**   Front panel: IP65
- **Operating Temperature**   0 ~ 50°C (32 ~ 122°F)
- **Storage Temperature**   -20 ~ 60°C

ADVANTECH

Dimensions

Unit: mm

Diameters of the rackmount holes:

Vertical: 6.5 mm

Horizontal: 9 mm

437.20

482.00 (18.98")
465.00 (18.31")

(9.02")
229.00

13.00 (0.51")

381.86 (15.00")

(11.00")
(14.00")

279.40
355.60

(12.56")
319.00

Cut-out dimensions (W x H): 449 x 336 mm

Ordering Information

- **AWS-8259TP-R1AE**   AWS-8259TP with TS &PICMG 1.3 B/P

CPU Card Suggestions

	Part No	CPU Grade	Description
PICMG 1.3 System Host Boards	PCE-5125QG2-00A1E	Intel Core I7	LGA1156 Q57 FSHB with DDR3/Core i7/VGA/ DVI/2GbE
	PCE-5126QG2-00A1E	Intel Core I7	LGA1155 Q67 FSHB with DDR3/Core i7/VGA/2GbE
	PCE-5127G2-00A1E	Intel Core I7	LGA1155 Q77 FSHB DDR3/Core i7/VGA/ USB3/2GbE

Back View

Side View