

# AWS-8259

## Modular Workstation with 15" LCD and 9 Expansion Slots



### Features

- 15", 9-slot TFT LCD workstation
- Resolution: 1024 x 768
- Two-piece design: integrated or separated LCD panel & control chassis
- Built-in touch pad, USB port and floppy drive on front panel
- Designed for simple maintenance with hinged rear door for easy access
- Vibration protection up to 1 G
- IP65/NEMA 4, Aluminum front panel and stainless steel chassis

### Introduction

The AWS-8259 is an industrial workstation with 8 slots 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 water-proof character keypads & touch pad 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

- **Front Panel** Aluminum, meets NEMA4/IP65
- **LCD Display Interface** VGA
- **Display Setting** OSD on front panel with back light On/Off switch
- **Disk Drive Housing** Supports one 3.5" FDD, one 3.5" HDD & one slim CD-ROM (HDD and CD-ROM optional)
- **Cooling System** One 86 CFM fan
- **Membrane Keypads** One with 39 operating keys, one with 10 function keys and 10 programmable macro function keys
- **Keyboard** 6-pin PS/2 keyboard connector with dust-protection door on front panel
- **Touch Pad Interface** PS/2 mouse
- **Indicators** LEDs for power on/off and HDD activity
- **Touchscreen (optional)** Analog resistive type with RS-232 controller
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Relative Humidity** 5 ~ 85% @ 40° C, non-condensing
- **Storage Temperature** -20 ~ 60° C
- **Storage Humidity** 5 ~ 95% non-condensing
- **Dimensions (W x H x D)** 482 x 356 x 229 mm (19.0" x 14.0" x 9")
- **Gross Weight** 22 kg (48 lb)
- **Certifications** CE, CCC, FCC, BSMI

#### Passive Backplane

- **PCA-6109P4** 4 PCI, 4 ISA, 1 CPU slot backplane
- **PCA-6109** 9 ISA slot backplane

#### Power Supply

##### AC input 300 W (standard offer)

- **Input** 90 ~ 135 V<sub>AC</sub> or 180 ~ 265 V<sub>AC</sub>, switchable
- **Output** +5 V @ 30 A; +12 V @ 15 A; +3.3 V @ 24 A  
-5 V @ 0.3 A; -12 V @ 0.8 A; +5 V<sub>SB</sub> @ 2 A
- **MTBF** 100,000 hours
- **Safety** UL/CSA/TUV

#### LCD Display

- **Display Type** 15" XGA TFT LCD
- **Max. Resolution** 1024 x 768
- **Max. Colors** 262 K
- **Luminance** 300 cd/m<sup>2</sup>
- **Viewing Angle** 140° (H), 120° (V)
- **Operating Temperature** 0 ~ 50° C
- **Backlight Lifetime** 50,000 hours

### Ordering Information

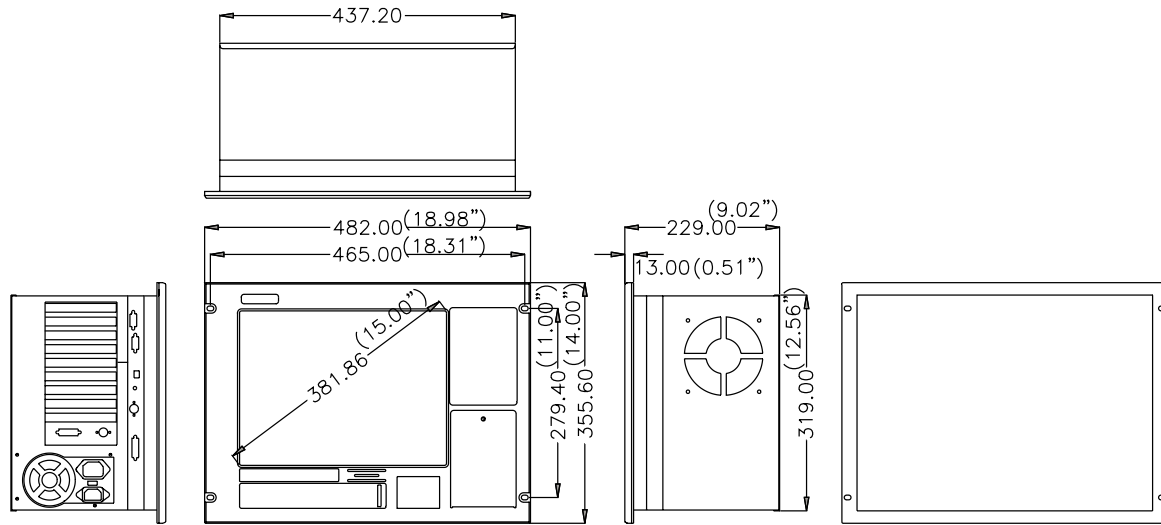
- **AWS-8259TP** 15" TFT, 4 ISA & 4 PCI & 1 CPU slots, 300 W 110/220 V AC power supply, 3.5" slim FDD
- **AWS-8259T** 15" TFT, 9 ISA slots, 300 W 110/220 V AC power supply, 3.5" slim FDD
- **AWS-8259TP-T** AWS-8259TP with resistive touchscreen (RS-232 interface)
- **AWS-8259T-T** AWS-8259T with resistive touchscreen (RS-232 interface)
- **CDR-8259-24x** Compact 24X CD-ROM

### Optional PCI Fieldbus Card

- Supports CANopen, DeviceNet™ or PROFIBUS™ by request

### Dimensions

Unit: mm



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

### Back View



### Side View

