

AWS-8129H

12.1" SVGA LED Backlight LCD Industrial Workstation with 9 Slots, Passive Backplane and Membrane Keypad

NEW



Features

- 3 ISA, 4 PCI, 2 PICMG slot combined backplanes
- Case dimensions (W x H x D): 482 x 266 x 317 mm (18.98" x 10.5" x 12.5")
- Power switch and CD-ROM
- Front accessible USB port
- OSD & Membrane Key & Touchpad with two mouse buttons
- NEMA4/IP65 compliant front panel
- Optional analog resistive touchscreen (USB Interface)
- RoHS Compliant

Introduction

The AWS-8129H is a PC-based industrial workstation with an industrial grade 12.1" color TFT LED Backlight LCD display. The AWS-8129H is specifically designed for use within factories and other harsh industrial environments. This 19" frame can be rack or panel mounted. The AWS-8129H provides 3 ISA, 4 PCI, 2 PICMG slots, which offers great flexibility for application specific requirements.

Specifications

General

- **Button Controls**
Membrane Keypad 1 47 operating keys included 26 alpha characters
Membrane Keypad 2 10 function keys
10 programmable macro function keys
Reset and power on/off
- **OSD**
6 OSD keys (Display On/Off, Brightness up, Brightness down, Menu Select, Exit)
- **Touchpad**
Touchpad with two mouse buttons
- **Certifications**
CE, FCC, BSMI, CCC and UL compliant
- **Connectors**
Front-accessible 6-pin PS/2 connector w/dust-protection door
- **Cooling System**
1 x 49 CFM fan on rear panel
- **Dimensions (W x H x D)** 482 x 266 x 317 mm (18.98" x 10.5" x 12.5")
- **Enclosure**
Aluminum
- **Disk Drive Bay**
Supports one 3.5" HDD & one slim CD-ROM (HDD and CD-ROM optional)
- **LED Indicators**
Power on/off and HDD activity
- **Mounting**
19" rack
- **Power Input Options**

Type	Watt	Input	Output	MTBF	Safety
AC (Standard)	250 W	90 ~ 132 V _{AC} /10 A or 190 ~ 264 V _{AC} /5 A (Switchable) 47 ~ 63 Hz	3.3 V @ 10 A 5 V @ 10.9 A 12 V @ 2.25 A -12 V @ 0.4 A -5 V @ 0.15 A +5 VSB @ 1 A	100,000 hrs	UL/CSA/ TUV/ C/CIB

- **Weight (Gross)** 17 kg (37.5 lb)

LCD Display

- **Backlight Life** 50,000 hrs
- **Display Type** 12.1" TFT LED Backlight LCD
- **Max. Resolution** 800 x 600
- **Max. Colors** 262 K
- **LCD Interface** SVGA
- **Luminance** 450 cd/m²
- **Viewing Angle (H/V°)** 160/140

Touchscreen (Optional)

- **Interface** USB
- **Lifespan** 10 million touches at a single point
- **Light Transmission** 88 %
- **OS Support** Windows 95/98/2000/XP
- **Power Consumption** +5 V @ 200 mA
- **Resolution** 1024 x 1024
- **Type** 8-wire, analog resistive

Environment

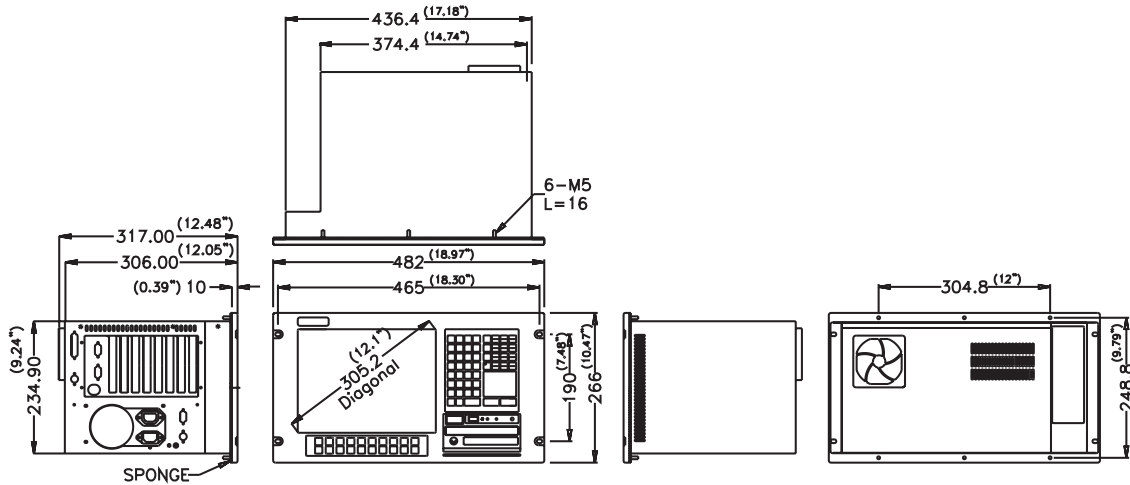
- **Humidity** 5 ~ 85% RH @ 50° C, non-condensing
- **Humidity (Storage)** 5 ~ 95% RH, non-condensing
- **Ingress Protection** Front panel: NEMA4, IP65
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature** -20 ~ 60° C

Passive Backplanes

- **9693610900E** PCA-6109P4 (4 PCI, 3 ISA, 2 PICMG slot backplane)

Dimensions

Unit: mm



Cut out dimension: 440.4 mm x 238.9 mm (17.18" x 9.24")

Ordering Information

- **AWS-8129H1-XBE** 12" B/P Ind. Workstation with 9 slots
- **AWS-8129H1-RBE** 12" B/P Ind. Workstation with 9 slots and TS

CPU Card Suggestions

Part No	CPU Grade	Description
PCA-6186E2-00B2E	Intel Pentium 4 (400/533 MHz FSB)	Socket 478 Pentium 4/Celeron Processor card with VGA/Dual LAN/HISA, RoHS
PCA-6186VE-00B2E	Intel Pentium 4 (400/533 MHz FSB)	Socket 478 Pentium 4/Celeron Processor card with VGA/LAN/HISA, RoHS
PCA-6186LV-00B2E	Intel Pentium 4 (400/533 MHz FSB)	Socket 478 Pentium 4/Celeron Processor card with VGA/HISA, RoHS
PCA-6187VE-00B2E	Intel Pentium 4 (400/533 MHz FSB)	Socket 478 Pentium 4/Celeron Processor card with VGA/Single LAN/HISA, RoHS

Top View

