

AWS-8100

Mini Workstation with 10.4" LCD Display



Introduction

The AWS-8100 PC-based mini workstation is a compact unit that meets the requirements of human-machine interface. Its half size, 4 slots backplane provides a space-saving and economical solution for industrial control. Only 6" in depth, this system can be used in the tight spaces around machinery. Equipped with an optional touchscreen, it can even be used as a controlling interface. Mounted in an airplane, vehicle or machine platform, this mini workstation is designed to fit where others can't.

Specifications

- **Front panel:** Aluminum, meets NEMA 4 / IP65
- **Disk drive housing:** Holds one 3.5" FDD and one 3.5" HDD (HDD optional)
- **Cooling system:** One 32.8 CFM fan on side
- **Slots:** 4 ISA slots
- **Operating temperature:** 0 ~ 50° C (32 ~ 122° F)
- **Relative humidity:** 10 ~ 95% @ 40° C (non-condensing)
- **Vibration (operation):** 5 ~ 500 Hz 1 G RMS Random Vibration
- **Dimensions (W x H x D):** 344 x 260 x 152 mm (13.5" x 10.2" x 6.0")
- **Gross Weight:** 9.5 kg (21 lbs)
- **CE compliant**

Power Supply Options

AC input 80 W (Standard offer)

- **Input :** 100 V_{AC} / 3 A ~ 240 V_{AC} / 1.2 A @ 47 ~ 63 Hz
- **Output:** +5 V @ 12 A, +12 V @ 1.0 A
- **MTBF:** 200,000 hours
- **Safety:** UL/CSA/CE
- **EMI:** FCC class B

DC input 80 W (Option offer)

- **Input :** 24 V_{DC} / 7 A ~ 48 V_{DC} / 4 A
- **Output:** +5 V @ 10 A, +12 V @ 1.5 A, -12 V @ 0.5 A
- **MTBF:** 200,000 hours
- **Safety:** UL/CSA
- **EMI:** FCC class B

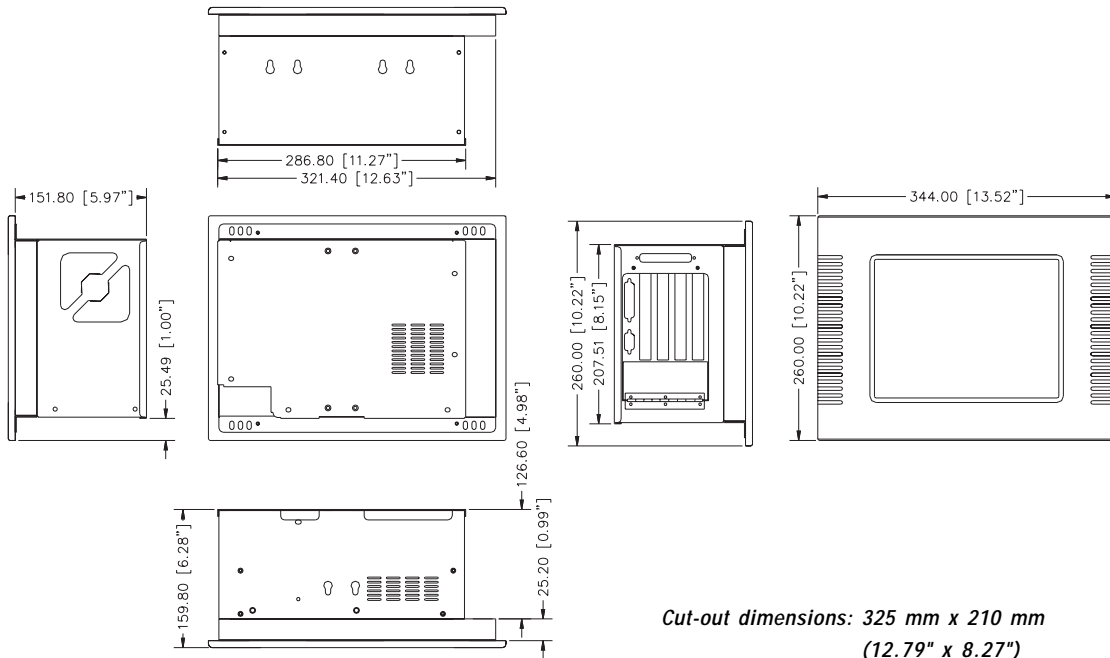
Touchscreen (optional)

- **Type:** Analog resistive, continuous resolution
- **Light transmission:** 75%
- **Controller:** RS-232 interface
- **Power consumption:** +5 V @ 200 mA
- **Durability:** 35 million touch lifetime
- **Software driver:** Supports DOS, Windows 3.1/95/NT

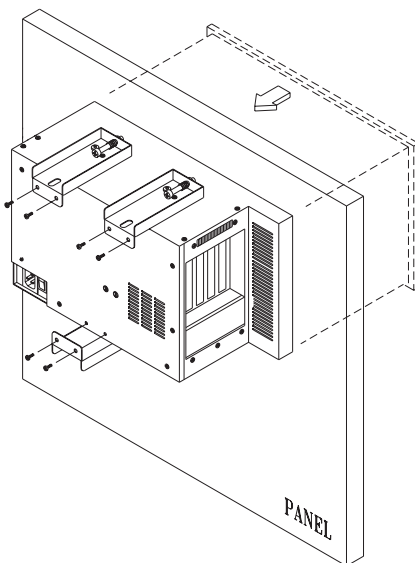


Dimensions

Unit: mm (inch)



Panel Mounting



Ordering Information

- ❑ **AWS-8100T**
10.4" TFT LCD, 4 ISA slot backplane, 3.5" FDD, 80 W AC power supply
- ❑ **AWS-8100T-T**
AWS-8100T + touchscreen (RS-232 interface)

Note:

1. 800 x 600 SVGA TFT LCD versions are now available upon request
2. Products in the AWS-8100T series do not include LCD Display card. We recommend the AWS-8100T be equipped with PCA-6751, which has a LCD controller on board
3. WinCE OS is now available upon request