

Industrial Workstation with 14" Color CRT Display "Low Radiation and a Brilliant Picture"



The IWS-724S Industrial Workstation includes everything needed for high-power plant-floor PC applications.

The station includes a 7-slot PCI/ISA passive backplane, floppy drive and 250 Watt power supply. The 14" color SVGA CRT employs true-color, high-resolution graphics up to 1024 x 768, and the entire front panel is sealed to NEMA 4/12 specifications.

The IWS-724S uses a "slide-out drawer" design, allowing quick access to all system components for installation and maintenance.

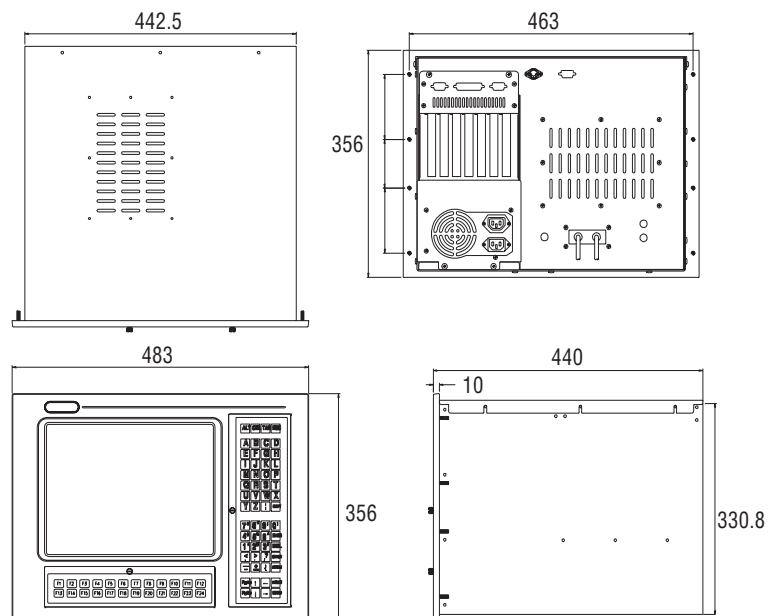
An analog resistive touchscreen can be factory installed.

Features

- Heavy-duty NEMA 4/12 aluminium alloy front panel
- 14" low-radiation SVGA CRT monitor
- 7-slot ISA or 6-slot PCI/ISA passive backplane
- 19" rackmount or panelmount
- Two sealed-membrane keypads: one with 60 data-entry keys and one with 24 function keys
- Slide-out disk drive and card cage
- 250 W switching power supply, optional 12 V_{DC} or 24 V_{DC} power supply
- Front panel access to floppy disk, keyboard connector, on/off switch and display controls
- 14" analog resistive touchscreen (optional)

DIMENSIONS

Units in mm



Specifications

- **Construction** : heavy-duty NEMA 4/12 aluminium alloy front panel with coated steel chassis
- **Passive Backplane** : 7-slot ISA or 6-slot PCI/ISA, 3 ISA, 2 PCI, 1 PICMG
- **Disk Drive Housing** : two 3½" and one 5¼" bays
- **Front Door** : dust proof foam rubber sealing
- **System Cooling** : one 64 CFM fan (flow-in) on rear panel with air filter
- **Dimensions** : 483(W) x 354(H) x 255(D) mm
- **Weight** : 16 Kg

CRT DISPLAY

- **Tube Size** : 14" full-square display
- **Display Size** : 248 mm (H), 186 mm (V)
- **Resolution** : 1024 x 768, non-interlaced
- **Dot pitch** : 0.28 mm
- **Frequency** : 30~50 KHz (horizontal), 50~100 kHz (vertical)
- **Power Consumption**: 80 W max.

FRONT PANEL

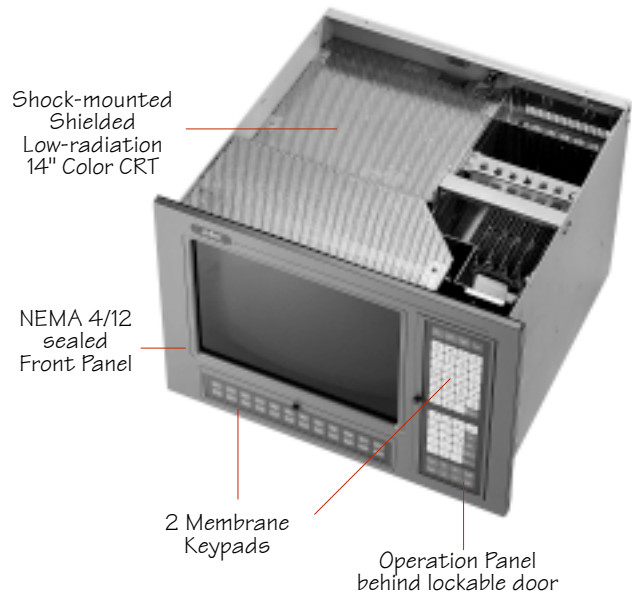
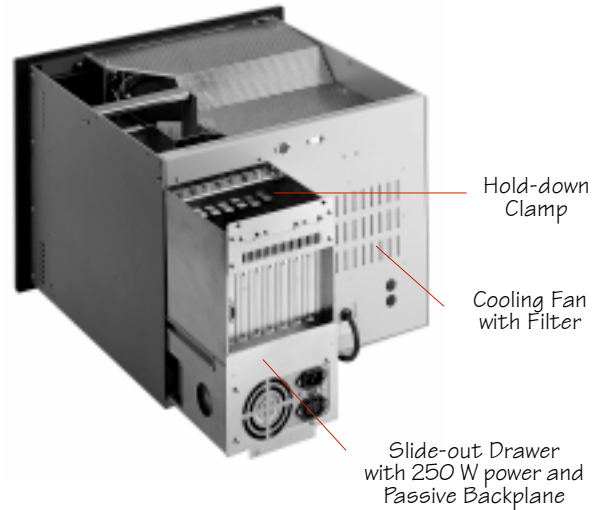
- **Keypads**: one with 59 data-entry keys, one with 24 function keys
- **Connectors**: 5-pin D-type Keyboard connector
- **Drive Bays** : front access to one 5¼" FDD/CDROM drive and one 3½" FDD drive
- **Control** : power on/off, display brightness/contrast
- **Indicators**: power-on LED, HDD activity LED

POWER SUPPLY

- **Output Rating** : 250 W
- **Input Voltage**: 95~130 V_{AC} or 190~260 V_{AC}, switching
- **Input Frequency** : 47~63 Hz
- **Output Voltage** : +5 V @ 25 A, +12 V @ 10 A, -5 V @ 0.5 A, -12 V @ 0.5 A
- **Safety** : UL, CSA, TUV, VDE

ENVIRONMENTAL

- **Operating Temperature** : 32~122°F (0~50°C)
- **Relative Humidity** : 5~95%, non-condensing
- **Altitude** : 10,000 feet or 3000 meters
- **Vibration** : 5~17 Hz, 0.1" double-amplitude displacement
17~500 Hz, 1.5G peak-to-peak
- **Shock** : 10 G peak acceleration, 11 msec duration
- **Safety** : meets UL/CSA/TÜV
- **EMI** : meets FCC/VDE Class A



Ordering

- **IWS-724S** : Workstation with 14" SVGA CRT Display includes :
PCI/ISA passive backplane, 3 ISA, 3 PCI, 1 PICMG slots
PCI SVGA Card, 1 MB installed
3½" FDD, 1.44 MB
Universal 250 W power supply, 85~265 V_{AC}
Optional Touchscreen