

19" NEMA 4X (IP66) Enclosed Workstation

Ideal for extreme environments, the VT190ESW-A industrial workstation is currently in use in coal mines, rock quarries, oil rigs, chemical manufacturing plants, bakeries, and production floors of major food processing and packaging plants which require wash down equipment. VarTech Systems has custom engineered the VT190ESW-A for extremely rugged conditions, both indoors and out.

SPECIFICATIONS

FEATURES

- ◆ Intel Atom N270 1.6 GHz w/533 MHz FSB (**Optional: T4500 2.30 GHz 800MHz FSB Pentium Dual Core**)
- ◆ Mounting: Bulkhead, Pedestal, Articulating Arm
- ◆ Bright 19" active matrix TFT LCD
- ◆ 2 GB DDR2 533/667 SDRAM
- ◆ 320 GB SATA Fast Access Disk Drive
- ◆ Water Proof
- ◆ Dust Proof
- ◆ Corrosion Resistant
- ◆ LCD screen shielded by a Tempered
- ◆ Glass Protective Overlay
- ◆ Shock and Vibration Proof
- ◆ 0° to 50°C Operation (Optional -20°C)

Display

19" active matrix TFT LCD display, 250 nits, 1280 x 1024 SXGA, LCD screen shielded by a Tempered Glass Protective Overlay or optional touch screen.

Brightness

250 nits

Processor

Intel Atom N270 1.6 GHz w/533 MHz FSB (**optional processor: T4500 2.30 GHz 800MHz FSB Pentium Dual Core with Rear Mounted Heat Sink**)

BIOS

AMI 8 bit w/RPL/PXE LAN boot ROM

Operating System

Microsoft XP Professional (optional Windows XP Embedded)

System Memory

2 DDR2 533/667 SDRAM sockets, 2GB

Chipset

Intel 945GSE Gen3.5 integrated graphics engine

VGA

Intel GME945 GMCH Gen4 integrated graphics engine

Hard Drive

320 GB fast access SATA drive

Power Input

100-240 VAC, 1.5 A, 50/60 Hz.

I/O Ports (*to be specified per order*)

6 RS232 ports
2 LAN ports
4 USB 2.0 available

Enclosure

NEMA 4X, 316 Stainless Steel w/ anodized aluminum heat pad

Keyboard

Hardcoated Textured Polyester Film, Tactile keys with Mechanical Snap, integrated touchpad

Environmental/Thermal

NEMA 4X, washdown and dust proof, 0° C to 50°C

Dimensions

24.5" wide x 24.21" high x 11.02" deep

Approximate Shipping Dimensions and Weight

Box - 28" x 26" x 26" (W x L x H),
Skid - 27" x 33" x 34" (W x L x H) / 100lbs.

CONTACT

HEADQUARTERS

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Marks of Conformity:

FCC47 CFR part 15, subpart B
EMC: EN 55022:2006, EN 55024:1998, CISPR 22:2005, CISPR 24:1997

Canada: ICES-003

Australia/New Zealand: AS/NZS CISPR 22

CE

RoHS

WEEE



OPTIONS

- T4500 2.30 GHz 800MHz FSB Pentium Dual Core with Rear Mounted Heat Sink
- Mounting: Bulkhead, Pedestal, Articulating Arm
- Touch Screen, resistive or capacitive
- Alternate keyboards available
- KVM extender instead of computer
- Optional low operational temperature -20°C
- Windows XP Embedded