



Solutions for Demanding Applications

15.0" NEMA 4X (IP66) WORKSTATION, WIDE OPERATIONAL TEMPERATURE CAPABILITY

This 15.0" workstation is designed to be placed in a variety of food/beverage processing, pharmaceutical and process control environments requiring a NEMA 4X workstation. The display supports VGA to SXGA resolutions*. The enclosure has a NEMA 4X tactile keyboard and touchpad.

SPECIFICATIONS

Display

15.0 Inch - TFT Active, LCD screen shielded by a Tempered Glass Protective Overlay
(without touch screen)

Resolution Capabilities

VGA to SXGA*

Pixel Format

640 x 480, 800 x 600, 1024 x 768, 1280 x 1024*

Active Display Area

12.11"(w) x 9.12"(h)
307.59mm(w) x 231.65mm(h)

Viewing Angle

Left / Right: 70/70 Degrees
Up / Down: 55/60 Degrees

Contrast Ratio

300:1 Typical

Brightness

450 Nits Typical

Back Light

50,000 Hours Half Life

Colors Supported

16.7M

Input Connector

HD15(F), RCA (NTSC/PAL), S-VIDEO, DVI

Power Source

90-264VAC Universal
Optional 12VDC or 24 VDC

Video Input

Analog 0.7V p-p, NTSC/PAL

Sync

Separate H&V, Combined, SOG

Temperature

Operating: 0° to 50°C (optional -20°C)
Storage: -20° to 60°C

Humidity

Operating / Storage: 10 to 95%NC

Altitude

Operating: up to 10,000 ft
Storage: up to 40,000 ft

Enclosure Dimension

21"(w) x 24"(h)
533.4mm(w) x 609.6mm(h)

Depth Behind Panel

12.25" / 311.2mm

Chassis Construction

16 gauge Stainless Steel
14 gauge Large Cabinet

Keyboard / Pointer

114 Key Tactile Membrane / Touch pad

Touch screen (optional)

Resistive OR Capacitive

Touch Interface

Serial (Optional USB)

FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ 450 nits Brightness
- ◆ Optional Touch Systems: Resistive and Capacitive
- ◆ Stainless Steel Construction
- ◆ Water tight Rox Gland for cable exit & entry
- ◆ Wall, Bulkhead, Pole, Pedestal Mount
- ◆ LCD screen shielded by a Tempered Glass Protective Overlay (without touch screen)

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



CONTACT

HEADQUARTERS

11529 Sun Belt Ct.
Baton Rouge, Louisiana 70809

Phone 800.223.8050

International

001.225.298.0300

Fax 225.297.2440

E-mail

sales@vartechsystems.com

Website

www.vartechsystems.com

COMPUTER SPECIFICATIONS

Processor

T4500 2.30 GHz 800MHz FSB Intel Dual Core

BIOS

Phoenix-Award 16Mbit (SPI) with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup

O/S

Microsoft XP Professional (optional Windows XP Embedded)

System Memory

2 DDR2 533/667 SDRAM sockets, 2GB standard, 4GB optional (~3.25 recognizable)

Chip Set

Intel® GME965+ICH8M/EM

VGA

Intel® GME965 GMCH Gen4 integrated graphics engine

Hard Drive

320GB Fast Access SATA drive

Power Input

100-240VAC 1.5A 50/60 HZ

I/O Ports

2 RS-232 COM port (Optional RS-422\485 port)
2 LAN ports
6 USB 2.0
2 Audio jacks

Firewire Ports

2 x IEEE 1394a

DVD Drive (E-IDE / ATAPI)

DVD-R, DVD+R, DVD-RW, DVD+RW, DVD-R DL, DVD+R9, CD-R, CD-RW

OPTIONS

■ Internal (Inside Enclosure)

No Computer or Customer Provided Computer

■ Alternate Keyboards Available

■ -20°C Operational Temperatures

■ Windows XP Embedded

■ Remote (up to 3000' away) with KVM extender

PC up to 500' away with CAT5 KVM

PC up to 3000' away with fiber optic KVM

■ Resistive or Capacitive Touch