



## 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
- ◆ Closed-Loop thermal management system
- ◆ HD15(F), RCA (NTSC/PAL), 5 Pin Mini Din (S-Video), DVI
- ◆ 450 nits Brightness
- ◆ VGA to SXGA Resolution
- ◆ 110 / 220 VAC Power
- ◆ Optional Touch Systems: Resistive and Capacitive
- ◆ Optional Power Supply: 12VDC or 24VDC
- ◆ Solid 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)

### CONTACT

#### HEADQUARTERS

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### COMPUTER SPECIFICATIONS

#### Processor

2.16 GHz Intel Dual Core T3400 with a 667 MHz FSB

#### 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