



Solutions for Demanding Applications

Sunlight Readable NEMA 4X (IP66) Fully Enclosed LCD & Computer

Fully Enclosed Sunlight Readable NEMA 4X (IP66) computer's are an ideal HMI solution complete with resistive touch and fully sealed connectors. These small footprint all-in-one computers are ideal in a variety of high ambient light and harsh environments.

SPECIFICATIONS

Display Size – Viewable Area

15.0 inches

Panel Type

Harsh Duty LCD cell w/ Optically Bonded Touch Screen (VBOND)

Resolution

XGA 1024 x 768 native

Brightness

True High Brightness 1950 nits (cd/m2), 439 fL Low-Power, high reliability Solid State LED Backlighting

Backlight MTBF

100,000 hours

Optical Stack Enhancement (OSE)

Unique optical design which boosts efficiency of the backlight's light utilization and minimizes the surface reflection of ambient light. The result is a transmissive enhancement that features higher contrast and a wider range of colors, even in bright outdoor light, than traditional reflective LCDs.

Viewing Envelope: Horizontal

75° / 75°

Viewing Envelope: Vertical

UP: 75° / Down: 55°

Contrast Ratio

450:1

Processor

Intel® Atom™ N270, 1.6 GHz Processor with a 533 Mhz FSB

BIOS

AMI BIOS

O/S

Microsoft XP Professional (optional Windows Embedded Standard)

System Memory

2GB DDR2 533 SO-DIMM with wide operational temperature range

Hard Drive

320GB Fast Access SATA with wide operational temperature range

VGA

Intel Generation 3.5 integrated GFX Core (133Mhz)

Sealed I/O

1 Power Connector
1 LAN port (2 LAN Optional)
2 RS-232 COM port
2 USB 2.0 ports
1 Audio line-out

Power Input

100-240 VAC 1.5A 50/60 Hz

Optional:

12/24V DC,
6 to 32V DC

Power Consumption

89W

Connections

Sealed connections for USB, Serial, Ethernet, and Power

Temperature

Operational: -10° to 50°C
Storage: -20° to 65°C

Humidity

Operational: 0 to 90% RH NC
Storage: 0 to 95% RH NC

Touch Screen

Resistive Touch (Optional Armor Touch ultra rugged touch screen)

Construction

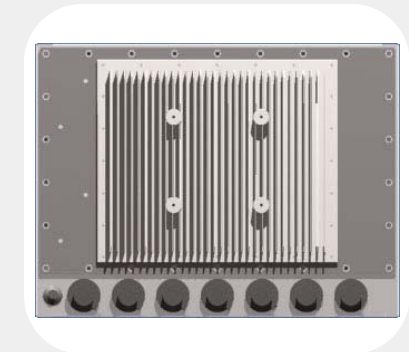
Fully Enclosed, NEMA 4X (IP66) 316 - Stainless Steel, Gasketed

Dimensions:

16.15" (W) x 15.96" (H) x 5.21" (D)
Height is 12.09" when not allowing for connections at bottom

Approximate Shipping Dimensions and Weight

28" x 21" x 15" (WxLxH) / 44lbs.



FEATURES

- ◆ Rear Exit Cable Connectors
- ◆ Sunlight Readable 1950 nit LCD
- ◆ Fully Enclosed NEMA 4X (IP66) Enclosure, Stainless Steel 316
- ◆ Resistive Touch Screen
- ◆ 320GB Fast Access Disk Drive
- ◆ WINDOWS XP OS
- ◆ Sealed Connections for USB, Serial, Ethernet, and Power

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

- Hard Drive expandable
- Advanced Deep Dimming - 0-100%
- Please inquire about computer expansion capabilities
- Wireless G with external antenna
- 12/24V DC Power
- 6 to 32V DC Power
- Windows Embedded Standard
- Armor Touch Ultra Rugged touch screen

Specs subject to change without notice. Please inquire before ordering.