



19.0" Sunlight Readable Fully Enclosed Computer/LCD

A very **Rugged Sunlight Readable All-Weather, Fully-Sealed 19" All-in-One Computer/LCD**. Standard color LCDs are often unable to provide sufficient luminance for viewing under bright, outdoor environments; the result is poor image quality. VarTech's high brightness monitors deliver a radically higher level of brightness, resulting in unparalleled picture sharpness. Coupled with our proprietary Optical Bonding process (VBOND), this model is a high-performance product ideally suited for use under any high ambient light condition, and will give you the intensity and brilliance your application requires.

FEATURES

- ◆ Sunlight Readable - High Bright Backlighting coupled with VBOND optical bonding
- ◆ 850 nits (cd/m²)
- ◆ VBOND optical bonding for ultra high contrast and significantly reduced reflective light
- ◆ Resistive touch screen display (HMI)
- ◆ NEMA 4X (IP66) sealed enclosure
- ◆ Water proof and dust proof
- ◆ Stainless steel construction
- ◆ Easy latch access
- ◆ Hard-anodized aluminum heat sink
- ◆ Closed loop thermal cooling for high heat environments
- ◆ Medium footprint
- ◆ Flexible mounting options
- ◆ Keyboard/mouse optional
- ◆ Optional KVM Extender instead of computer
- ◆ LCD screen shielded by a Tempered Glass Protective Overlay (without touch screen)

Durable

The VT190ESCHV computer/lcd is fully enclosed in a completely sealed, NEMA 4X (IP66), easy-open, 316 stainless steel housing. The chassis has no external vents, so nothing can get under its skin, including weather, dust, dirt, moisture, oil, chemicals or other harsh contaminants. A hard-anodized cast aluminum heat exchanger and internal heat management system keep it cool in environments where ambient temperatures approach 50°C -- without using outside air. Its rugged construction, and either pre-cabled or bulkhead connectors, allows it to be easily mounted on walls, stands, arms or other industrial equipment.

SPECIFICATIONS

Display

19", 1280 x 1024 SXGA, LCD screen shielded by a Tempered Glass Protective Overlay (**without touch screen**)

Brightness

850 nits, Sunlight Readable

Passive Enhancement

VBOND optically bonded

Processor

Intel Pentium Dual Core Processor T4500 2.30 GHz 800MHz FSB

BIOS

Award PnP 4MB Flash ROM BIOS

O/S

Microsoft XP Professional

System Memory

SO-DIMM DDRII 667/533/400 2 GB

Graphics

Integrated VGA Engine in chipset (Intel GMA 950)

LAN

Integrated Intel Gigabit PCI Express LAN Chip

Hard Drive

320GB SATA Access Disk Drive

Power Input

100-240VAC 1.5A 50/60 HZ

Power Connector

Standard Power Inlet (IEC320 C14)

Dimensions

20" W x 18" D x 11" H

Expansion Slots

Mini PCI x 1

DVD Drive (E-IDE / ATAPI)

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

Temperature

Operational: -10° - 50°C
Optional Operational: -20°C or -40°C

I/O Ports

1 Realtek ALC882 HD Audio CODEC
PS/2 Keyboard Connector x 1
PS/2 Mouse Connector x 1
AC Adapter Connector x 1

I/O Ports Continued...

DVI Port x 1
S-Video Out Port x 1
COM Port x 1
USB 2.0 Port x 4
1394 Port x 1
RJ45 LAN Port x 1
Line In / SPDIF In x 1
Speaker Out x 1
MIC In x 1
Center / Subwoofer x 1
Rear Surround / SPDIF Out x 1
Side Surround x 1

Construction

316 stainless steel
Anodized aluminum heat sink
10" handles
IP67 - NEMA 4X, waterproof and dustproof
18" H x 20" W x 11" D
66 lb

Optional Keyboard

- NEMA 4X (IP66)
- Optional Aseptic Type

OPTIONS

- KVM Extender (CAT5 or Fiber Optic)
- -20°C or -40°C Operational Temperature
- Armor Touch
- Keyboard
- Hood Visor

CONTACT

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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

