

Specifications

Processing

Processor:	Intel Mobile processor: Core 2 Duo L7400 LV, 1.5GHz (4M cache, 667MHz FSB, 65nm).
RAM:	DDR2 socket. Supports up to 4 GBytes of DDR2-667 memory.
System Chipset:	Intel 945GME North-bridge. ICH7-M South-bridge. Winbond 83627HG I/O Controller.
Operating System:	Drivers for the Windows 2000, XP, XP Embedded, Vista and Linux operating systems.

Mass Storage and Media

HDD:	One 2.5-inch SATA HDD or Solid State Drive.
Optical Drive:	Via external USB Optical Drive (not supplied).
Boot Sources:	The Panel PC can be booted from: Internal SATA Hard Disk Drive; USB pen drive; External USB optical drive, HDD or FDD.

Video and Audio

Video:	Integrated Intel Graphics Media Accelerator 950. Enhanced 256-bit 3D video controller. Up to 224MB 64-bit DVMT 3.0 video memory.
Audio:	Integrated AC '97 Rev 2.2 compatible Audio CODEC, with internal speaker and optional microphone.

Standard Interfaces

Network:	Two 10/100/1000 Ethernet LAN ports.
Serial:	Four RS232 serial ports, each with RS-422/RS-485 option, on RJ-45 (standard) or DB-9 Connector.
USB:	Four OHCI-compliant USB2.0 ports. Two on Front Panel and two on Rear Panel.
PCI:	One Internal PCI Slot.
Front Panel:	Power On/Off, Reset, and Brightness Control buttons. Power On, HDD and Ethernet Activity indicator LEDs. Two USB 2.0 Ports.
Rear Panel (IP65):	Four serial ports. Two USB 2.0 Ports. Two 10/100/1000 LAN ports. One DC Power In.
Management and Monitoring:	Multi-stage Watchdog timer. System voltage and temperature monitoring. AC power fail recovery. ACPI 2.0 compliant with Battery Support. Wake-on: RTC, USB Keyboard, LAN.

- 1.5GHz Core 2 Duo processor.
- Up to 4 GBytes RAM.
- 1280 x 1024 resolution LCD panel.
- 5-wire resistive touch-screen.
- 12V, 24V, 48V DC power (10V to 60V range).
- Fully IP-65, (NEMA-4) Sealed.
- 19-inch rack mountable.
- Fanless up to +50C.

Specifications cont'd

Display Characteristics

Viewable area:	19-inch (diagonal). 4:3 aspect ratio. 376.3mm wide x 301mm high.
Native Resolution:	1280 x 1024. Dot pitch: 0.294mm x 0.294mm.
Contrast ratio:	1000:1 typ.
Colours:	24-bit (16.7 million).
Response time:	8ms GTG Avg typ. 20ms typ on/off.
Brightness:	300 nits, typ.
Viewing angle:	Horizontal: 178° typ, 150° min. Vertical : Up: 89° typ and 75° min. Down: 89° typ, 75° min.

Touch Screen

Glass thickness:	3.05mm.
Operation force:	<50g with a stylus of 0.8mm radius.
Linearity:	<= 1.5% for both X-axis and Y-axis.
Chattering:	<= 30ms.

Touch Screen controller

Resolution:	2,048 x 2,048.
Report rate:	Maximum 160 points/second.
Response time:	20ms.
Accuracy:	Maximum +/-0.5% tolerance.

Physical Characteristics

Dimensions:	440mm W x 378mm H x 100mm D.
Weight:	6.8 Kg typical.
Temperature:	Operating: 0°C to +50°C. Storage: -20°C to +60°C.
Humidity:	10% to 90% RH, non condensing.
Certification:	C-tick, RoHS Compliant
Power:	18V DC to 60V DC. Maximum 60W. (Battery Power 24V DC to 48V DC. Typical operating range 18V DC to 60V DC.)