OPtima PC

invensys

Eurotherm

OPtima Touch 15.0"
With 15.0" Touch Screen
Specification Sheet

MODEL

- Horizontal or Vertical Mounting
- Bright Easy to Read Display
- High 1024 x 768 Resolution
- Easy Mounting
- Optional - Custom Software Installation

Product Overview
The 15" OPtima Touch Panel is a rugged, compact industrial computer combined with a 15" TFT touch screen monitor in one housing. It is designed to serve as a general purpose human machine interface (HMI). It can be ordered pre-configured with several HMI software packages.

Features and Benefits
Increased Productivity - Utilizing an industrial computer versus a proprietary operator station can significantly improve productivity. This is due to the computer's ability to integrate all the discrete hardware and software components into one seemless interface for the operator. In addition, all the local operator interfaces can then be networked into a common supervisory system. One common interface to support, maintain and administer.

Reduced Downtimes - Maintenance personnel can locally run programming tools with on-line diagnostics to quickly resolve problems.

Rugged Design - The 15" OPtima Touch is designed for the rugged industrial environment. A heavy-duty steel chassis and low component count circuit designs provide for enhanced reliability, and increased shock, vibration and EMI immunity.

Compact Size - Unit depth is limited to 127mm, ideal for fitting into confined spaces.

Easy Installation - Unique bracket mounting system for fitting into the panel cutout. No need for drilling holes or fixing studs.

"Plug & Play" Operation - Custom installation of different software packages is available to reduce start-up costs.
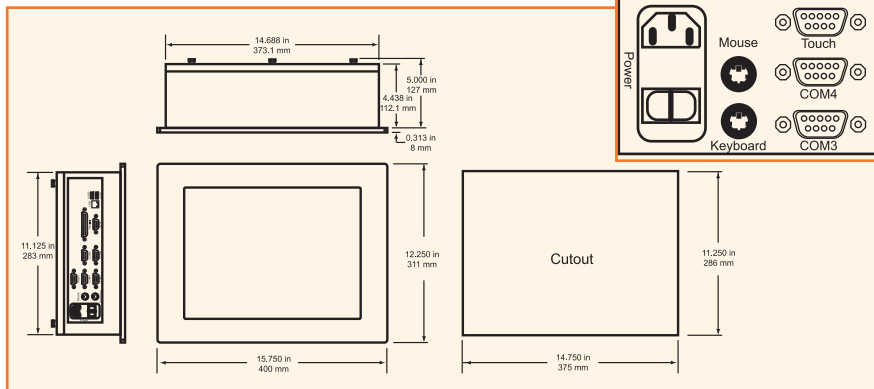
Applications
The 15" OPtima Touch Industrial Computer has been designed for operation under harsh environmental conditions in a multitude of vertical markets including automotive, semi-conductor, transportation,plastics, heat treating, utilities and more. Thanks to a built-in fast Ethernet port, the 15"OPtima Touch provides instant connectivity to a plant's intranet and networked servers.

SPECIFICATIONS

Construction:	Heavy-duty steel chassis & aluminum front panel with NEMA 12/IP54
LCD:	15" TFT 1024x768 (Horizontal or Vertical Mounting)
Touch Screen:	Analog Resistive Continuous Resolution
Processor Speed:	1.3 GHz Celeron, FSB 133MHz
DRAM:	512MB DIMM
BIOS:	Phoenix -Award
VGA Controller:	S3 ProSavage4 4xAGP 3D/2D SVGA up to 1600x1200 32 bit
VGA Memory:	32MB (shared)
VGA Port:	Supports simultaneous display with additional monitor
Ethernet:	(1) 10/100 Base-T Realtek RTL8139C RJ-45 connector
Serial Ports:	(3) RS-232; (1) RS-232/422/485
Parallel Port:	(1) Parallel
USB Ports:	(2) USB
Storage:	40GB (standard) 512MB Flash Drive (optional)
Keyboard Port:	PS/2

Mouse Port:	PS/2
Expansion Slot:	(1) 32-bit PCI (half length)
Operating Systems:	Windows™ XP Professional (standard); Windows™ XP Embedded (optional, required for flash drive)
Power Supply:	85 to 264 V ac, 90 Watts (standard) 19 to 32Vdc, 90 Watts (optional)
Temperature:	Ambient 0 to +50°C (32 to 122°F) Storage –20 to +60°C (-4 to 140°F)
Operating Humidity:	5-95% @ 50°C (122°F), non-condensing
Operating Shock:	20G minimal acceleration nominal duration 11msec applied all three mutually exclusive axis
Operating Vibration:	5 to 200Hz @ 1G traversed at rate .5 Oct/min on all three mutually excluive axis
Protection Class:	NEMA 12/IP54 (Front Side)
Safety:	CE/UL/CUL
EMC:	CE/FCC Class A

DIMENSIONS

PORTS (ENLARGED)

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Operations Management