

OPC-1560

Fanless Open Frame Panel PC with Dual Core Intel®
Atom™ Processor D2550



- 15.6" LCD Display with 1366x768 resolution
- Intel® Atom™ Processor D2550 / Intel® NM10 Express chipset
- Intel® Graphics Media Accelerator 3650
- DDR3 800/1066 MHz memory support up to 4GB
- 1x HDMI, 1x DP, 1x VGA
- 4x USB2.0, 1x COM, 2x GbE LAN, 1xSATA, 1x Power button
- 1x Mini-PCle slot supported
- Fanless design



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Product Overview

The OPC-1560 is a fanless open frame Panel PC w/ Dual Core based on Intel® Atom™ Processor D2550 with the high integration of the Intel® NM10 Express chipset. Featured are DDR3 800/1066 SO-DIMM up to 4GB, 15.6" LCD Display with 1366x768 resolution, 1x Display Port , HDMI, VGA, 2x Gigabit Ethernet, 1x SATA, 1x mini PCIe slot, 4x USB 2.0, 1x COM port, 1x Power button.

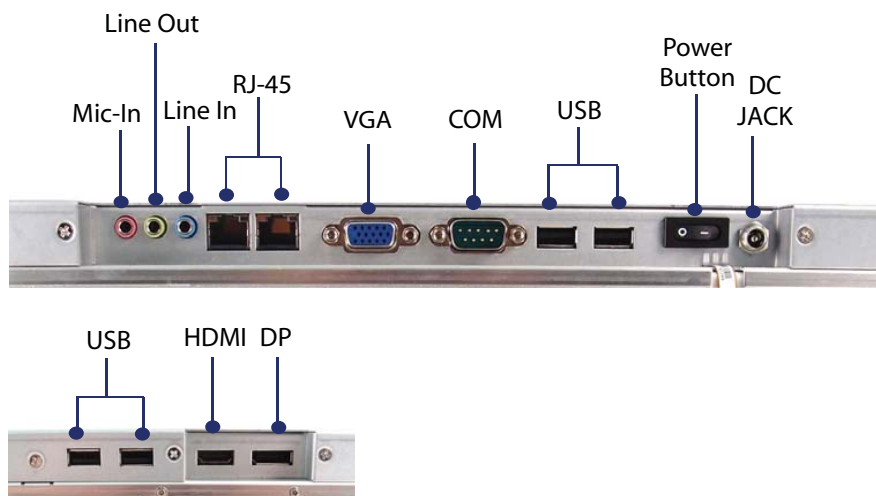
The OPC-1560 provides a compact, high performance human machine interface, with optimal shock, vibration and temperature resistance for tough industrial demands.

Technical Information

CPU Support	Intel® Atom™ Processor D2550 (1M Cache, 1.86 GHz)
Chipset	Intel® NM10 Express Chipset
Memory	1x Single Channel DDR3 800/1066MHz SODIMM support (4GB max)
BIOS	AMI Plug & Play SPI BIOS
Graphic	Intel® Graphics Media Accelerator 3650
LCD Display	Size: 15.6inch, 16:9 Resolution: 1366 x 768 Backlight: LED Contrast Ratio: 500:1 (typical) Brightness: 220cd/m2 (typical)
Touch Sensor	Optional 5-wire resistive touch sensor
External Display	1x HDMI 1x Display Port 1x VGA
LAN	2x Gigabit Ethernet (Realtek RTL8111E) PXE/WOL supported
Audio	Realtek ALC662 HD Codec w/ 2W Audio Amplifier Mic-In, Line-In, Line-Out Supported

Storage	1x 2.5" SATA HDD or SSD space
USB	4x USB 2.0
COM	1x COM port with RS-232/422/485 selection supported
Expansion slot	1x Mini-PCIe slot (For optional WiFi module)
Hardware Monitor	Operating voltage, CPU temperature
Watchdog Timer	1-255 step, can be set with software on Super I/O
Power	DC 12V Input
OS Support	Windows 7
Dimensions	Dimension: 389.9 x 240.1 x 29.25 (W x D x H)(mm)
Environment	Operation Temp: 0°C - 50°C Storage Temp.: -20°C - 60°C Humidity: 0% - 95%
Certification	CE, FCC Class A

OPC-1560 I/Os



Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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