

IPC-12FL

12.1" Industrial Fanless Panel PC, Touch screen, 4 COM (1XRS232/422/485), HDMI, VGA, AUDIO



Features

- Fanless design for low power consumption
- 12.1" TFT XGA LED Panel (1024 x 768) with resistive touch screen
- Embedded Intel® Atom™ processor N2800 1.86 GHz
- System memory up to 4 GB SODIMM DDR3 800/1066/1333 SDRAM
- 4 x COM (1XRS232/422/485), 1 x HDMI, 1xVGA, 4xUSB, 2xLAN, 1x AUDIO
- Offers 2 x Mini PCIe slot, for expansion
- Rear panel with power LED and HDD LED Indication
- Wireless LAN with antenna (optional)
- Robust aluminum with IP65 compliant front bezel design
- Panel (Flush) mount with clip or Standard VESA 75/100mm support stand, wall mount and swing arm

Specifications

Main System	
CPU	Onboard Intel Atom N2800 1.86GHz Dual-core CPU with 667 MHz FSB
Chipset	Intel NM10 chipset
System Memory	1x SODIMM DDR3 800/1066/1333 SDRAM up to 4 GB, preload 2GB Ram
LAN	2.5" SATA HDD; Preload 320GB HDD or 32G SSD
HDD (hard disk)	Two LAN onboard: 2x Realtek ® RL8111x (Gigabit) 10/100/1000Ethernet
Graphic	Intel GMA3650 chipset
Audio	Realtek ® ALC662, 5.1 channel surround audio
I/O Connector	3 x RS-232 1 x RS-232/RS422/485 1 x HDMI 1x DB-15 Connector 1x Audio (Mic-in / Line-out) 2x 10/100/1000MLAN port (RJ-45) 4x USB2.0 1x 3Pin DC power input terminal block
Expansion	Mini PCIe slot
General	
Construction	Aluminum front bezel and Aluminum chassis
Color	Black or OEM(>=100 units)
OS Support	Windows 7, Windows XP, Linux
Mounting	Panel mount or Standard VESA 75/100mm
Power supply	Input Voltage : 8~30v, with External AC adapter; Output Rating 32W
Dimensions(WxHxD)	322 x 247.5 x 58 mm
NET weight	4.8 KG
LCD Display	
Display type	12.1" XGA TFT LCD LED Backlight
Resolution	1024 x 768 pixels
Luminance	500 cd/m2
Viewing angle	160°(H) , 160°(V)
Touch screen	
Controller Interface	Internal USB interface controller
Resolution	Continuous
Light Transmission	81% or more
Operating Force	≤100g
Life Expectancy	35 Million

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Environment

Operating Temperature	0 ~ 45°C (32 ~ 113°F)
Storage Temperature	-20 ~ 60°C (-4 ~ 140°F)
Humidity	10% to 90% @ 40°C , on-condensing
Vibration	17 to 500HZ 1G PTP
Operating Shock	1G /peak (11m sec)
Ingress Protection	Front panel: IP65

Ordering informations

IPC-12FL	Fanless Panel PC with 12.1" XGA TFT LCD, Intel Atom N2800 Processor, 2.5" SATA 320G HDD(or 32G SSD) , 2G RAM(4G optional), 4xCOM (1XRS232/422/485), 1 x HDMI, 1xVGA, 4xUSB, 2xLAN, 1x AUDIO
IPC-12FLT	Fanless Touch screen Panel PC with 12.1" XGA TFT LCD, Intel Atom N2800 Processor, 2.5" SATA 320G HDD(or 32G SSD) , 2G RAM(4G optional), 4xCOM (1XRS232/422/485), 1 x HDMI, 1xVGA, 4xUSB, 2xLAN, 1x AUDIO, Resistive touch screen

Dimensions Diagram

