KPC-1200

12.1" Home Automation Panel PC with Intel® Atom N450

- 12.1" TFT LCD Display
- Intel® Atom™ Processor N450
- Support DDR2 up to 2GB
- Resistive 5-wire TouchScreen
- 1x 2.5" SATA HDD or 1x SSD
- 1x GbE, 1x COM, 3x USB ports, 1x VGA, 1x S/PDIF
- Mini PCI-E expansion for WiFi or 3.5G
- Optional Digital Camera

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Product Overview

The KPC-1200 is a Fanless Industrial Panel PC with 12.1" TFT LCD touchscreen display. Specifically designed for low power, cost effective applications, the KPC-1200 features an ultra-slim design for limited space environments and is equipped with an Intel® Atom N450 processor at 1.66 GHz with 512 KB L2 cache, 2.5" HDD bay with S/PDIF, GbE LAN, USB 2.0, COM, Audio and VGA out.
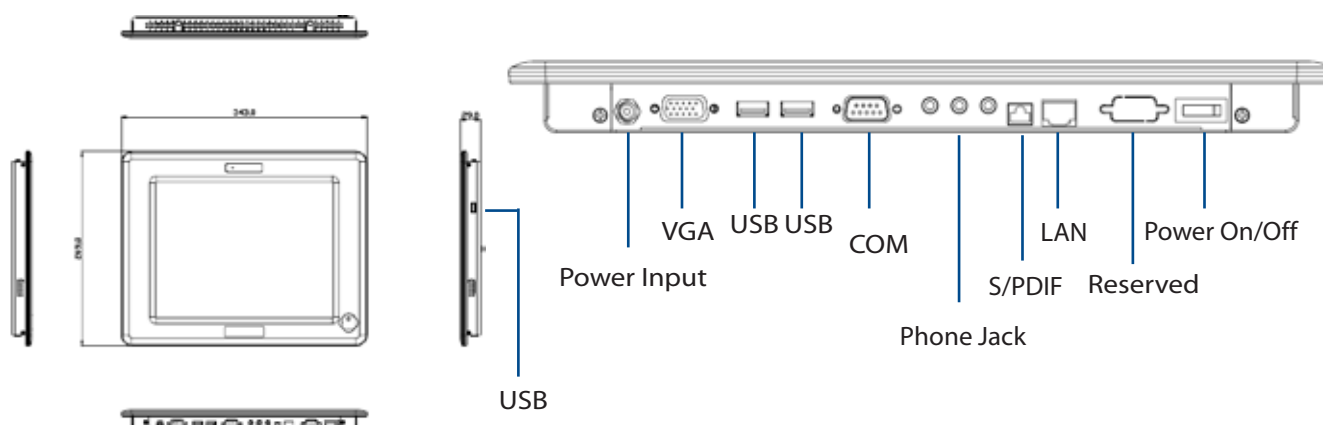
To meet current trends towards wireless communications, the KPC-1200 is WiFi-ready with mPCIe slot and WLAN antenna opening in the chassis. The KPC-1200's fanless/low-power design, compact size, and complete feature set make it ideal for applications in transportation, surveillance, building automation.

Technical Information

System	
CPU	Intel® Atom Processor N450 (512K Cache, 1.66 GHz)
Chipset	Intel® NM10
Memory	1x SO-DIMM DDR2 667/800 up to 2GB
Internal Storage	1x 2.5" Hard Drive or SSD
Camera	1.3M + MIC
	Fanless
Cooling	Aluminum front bezel & Metal Enclosure
Material	1x S/PDIF
I/Os	1x Push Button for Power On/Off
	1x Power LED (Green)
	3x USB 2.0 Connectors
	1x DC Jack for Power Input
	1x D-Sub 15P for VGA Ouput
	1x RJ-45, GbE Port
	1x COM Port
	1x Phone Jack for Line-Out
	1x Phone Jack for MIC-In
	1x Phone Jack for Line-In
Audio	Built-In 2 x Stereo Speakers

Expansion Slot
1x Mini PCI-Express for optional WiFi
1x SIM Card 2x3 pin header for 3.5G solution

LCD Display	
Display	12.1"TFT LCD XGA
Brightness	500 cd/m²
Resolution	1024 x 768
Touch Screen	5-wire Resistive Type

Wireless LAN
Optional WLAN mPCIe or 3.5G mPCIe module

Environmental Specification	
Temperature	Operating: 0˚C to 40˚C, 0%-90% rel. hum., non-condensing Storage: -20˚C to 80˚C, 0%-90% rel. hum., non-condensin

Size and weight	
Dimensions	343 x 269 x 29 mm (W x H x D)
Weight	2.5 kg

Power Input
DC 12V

Mounting Type
VESA Mount

Compliant
CE, FCC Class A, IP65 front bezel

KPC-1200 Rear IO

Product Information

Article	Part No.	Description
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