



Embedded PC

Fanless Industrial DIN Rail Security Box IPC with Intel® Atom™ N2600 CPU

Intel Atom N2600 1.6GHz CPU, 5 x Intel GbE w/ one bypass, 2 x Gigabit SFP, 1 x COM port, Dual +12~36 Vdc w/ 6-pin w/ power failure relay, DIN-Rail, 4GB RAM DDR3, 32GB SSD, Win7 embedded
(Model: LPC6200C)

Overview

The LPC6200C is a ruggedized, industrial-grade cyber security appliance designed to cope with challenging conditions at extreme temperatures. Featuring compact DIN Rail form factor and front facing I/O options, the fanless LPC6200C is ideal for protecting networks in power utilities and other industrial infrastructures. It also functions as a gateway controller for data transmission between remote sites and control centers.

Features

Fanless, Compact and Robust DIN Rail Design

The lifespan of this IPC has been extended by removing the most easily damaged component, the fan. Also its compact and robust system design, including a DIN rail mount, can render your platform more space-saving and reliable.

Solid Expansion Capability

Complete storage expansion functionality, including CompactFlash and internal pinheader for VGA and console.

Wide Temperature

This product is ruggedized to support a wider temperature up to 70°C. Outfitted with industrial components (CF, memory) this platform can thrive in harsh conditions.

Advanced Protection of Serial COM and Ethernet ports for harsh environments

LPC6200C series have serial COM ports with advanced ESD protection and Ethernet ports with magnetic isolation protection to guarantee communication reliability in harsh industrial environments.

Flexible I/O Design

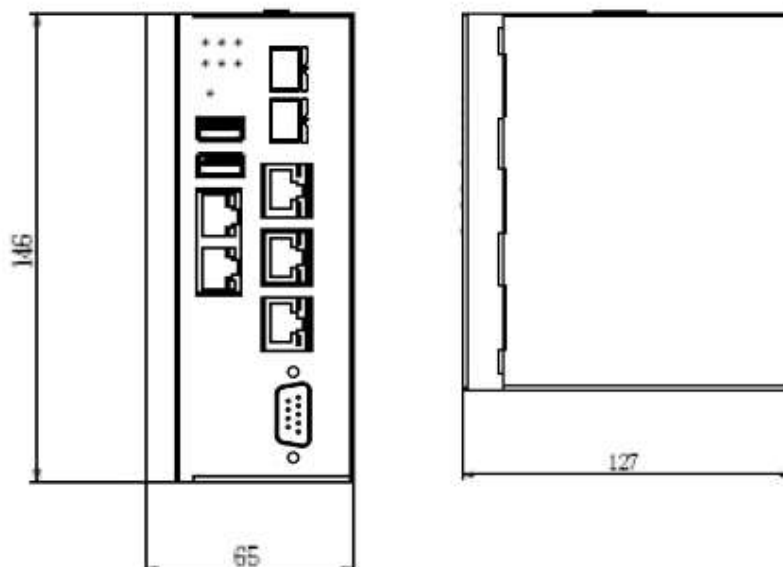
LPC6200C provides various I/O connectivity such as 3 or 5 GbE LAN, or 4 serial COM ports and 2 or 4 USB ports.

LAN Bypass

LPC6200C supports 1 pair of Ethernet LAN Bypass function. Bypass ports allow users to have uninterrupted network traffic even if a single in-line appliance is shut down or is hung.

Dimensions:

65 x 146 x 127 mm (2.56" x 5.74" x 5")



Specifications

Processor		Intel® Atom™ N2600 1.6 GHz
Chipset		Intel NM10
BIOS		AMI 8Mbit SPI Flash ROM
System Memory	Sockets	1 x 204-pin DDR3 SODIMM socket
	Technology	Dual-Channel DDR3 1066/1333MHz, unbuffered, Non-ECC
	Max. Capacity	2GB
USB		USB 2.0 compliant hosts x 2, Type A connector
OS Support		Linux 2.6, Window 7 Embedded
Storage	NAND Flash	None
	HDD Support	SATA connector for SSD/HDD expansion, HDD mounting kits (by request)
	Expansion	CompactFlash socket Type I/II x1
Networking	LAN	5x10/100/1000Mbps ports, Autosensing, RJ45, with one pair of LAN bypass. 2x 1000 Mbps SFP ports
	Controller	Intel i210 x 5, 82574L x 2
	Magnetic Isolation Protection	1.5 KV built-in
Serial Interface	Serial Standard	1 x DB9 for RS-232
	ESD Protection	15 KV for all signals
Serial Signals	RS-232	RTS, Rx, Tx, CTS, GND
	RS-422	TxD+, TxD-, RxD-, RxD+, GND
	RS-485	Data+, Data-, GND
	Baudrate	Supports 50 bps to 115.2 kbps
Display	Graphics Controller	Intel® GMA 3600
	Display Interface	internal pinheader
LEDs		Power, Storage, Run(User defined), 3x User defined, 2x SFP
Physical Characteristics	Housing	Steel, Aluminium
	Weight	1 kg
	Dimensions(WxHxD)	65 x 146 x 127 mm
	Mounting Options	DIN rail and wall mount
Environment	Operating Temperature	-40~70°C
	Storage Temperature	-40~85°C
	Ambient Relative Humidity	5 to 95% (non-condensing)
Power	Input Voltage	+12~36 V DC
	Power Consumption	TBD
	Connector	6-pin terminal block
Standard and Regulation	EMC	CE, FCC
	Green product	RoHS
Reliability	Alter tool	Built-in buzzer and RTC (real-time clock) with lithium battery backup
	Automatic Reboot Trigger	Watchdog Timer 1~255 level time interval system reset, software programmable
	Warranty	2 years
	MTBF	TBD