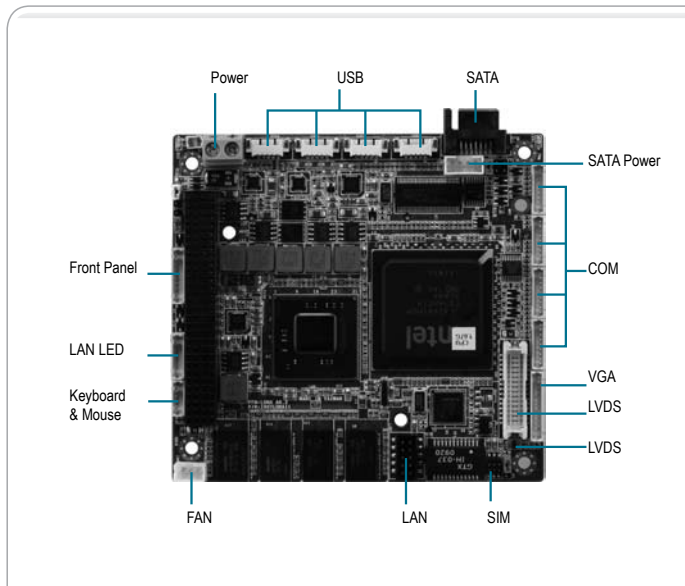


PFM-LNP

PC/104 CPU Module With Intel® Atom™ N450 Processor



Features

- Intel® Atom™ N450 1.66 GHz Processor
- Intel® N450 + ICH8M
- Onboard DDRII 667 Memory, Max.1 GB
- Gigabit Ethernet x 1
- CRT, 18-bit Single Channel LVDS LCD
- SATA x 1, CompactFlash™ x 1
- USB2.0 x 4, COM x 4
- PCI-104, Mini-Card Expansion Interfaces



Specifications

System	
Form Factor	PC/104
Processor	Intel® Atom™ N450 1.66 GHz Processor
System Memory	Onboard DDRII 667 , Max. 1 GB
Chipset	Intel® N450 + ICH8M
I/O Chipset	SMSC3114
Ethernet	Intel® 82567V for 10/1000/1000Base-TX
BIOS	AMI BIOS – 2 MB ROM
Wake on LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports Power Supply Voltage, Fan Speed and Temperature Monitoring.
Expansion Interface	PCI-104, Mini-Card
Battery	Lithium battery
Power Requirement	12V
Power Consumption (Typical)	Intel® Atom™ N450 1.66GHz, DDR II 667 1 GB 1.3A@+12V
Board Size	3.55" x 3.77"(90mm x 96mm)
Gross Weight	0.35 lb (0.16 Kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0%~90% relative humidity, non-condensing
MTBF (Hours)	83,000
Display	
Supports CRT/LCD simultaneous/dual view displays	
Chipset	Intel® Atom™ N450 processor integrated CRT: up to 1400 x 1050 (SXGA) @ 60 Hz LCD: up to 1366 x 768 Includes MPEG2 decoder
Memory	Shared system memory up to 384 MB/ DVMT 4.0
Resolutions	Up to 1400 x 1050@colors for CRT Up to 1366 x 768
LCD Interface	18-bit Single channel LVDS
I/O	
Storage	SATA II x 1, Type I CompactFlash™ x 1
Serial Port	RS-232 x 3, RS-232/422/485 x 1
Universal Serial Bus	USB 2.0 x 4
PS/2 Port	Keyboard + Mouse x 1

Packing List

- **9657666600**
Jumper cap
- **9681LNP000**
(TF) Cable Kit, for PFM-LNP
- **Quick Installation Guide**
- **Utility CD**
- **PFM-LNP w/Heatsink**

Ordering Information

- **TF-PFM-LNP-A10**
PC/104 Board, Intel® N450, LCD, DDRII 1 GB, Gigabit Ethernet, 4 COM, 4 USB, CompactFlash™, PCI-104, AT/ATX, Rev.A1.0

Optional Accessories

- **1701010150**
Front Panel Cable
- **1700050207**
USB Cable
- **1702150121**
SATA Power Cable
- **1709070200**
SATA Singal Cable
- **1701090150**
COM Cable
- **1700100201**
LAN Cable
- **1709150151**
VGA Cable