



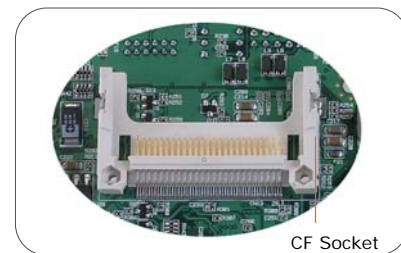
FB2647 Intel Atom-N270

All-In-One CPU Card with VGA/LVDS, 2S, 2LAN, 5USB, Audio and CF/Mini Card Socket



Features

- Low Power Consumption Design
- Intel Atom N270 1.6GHz CPU
- Intel 945GSE+ICH7M Chipset
- One So-DIMM Socket With up to 2GMB DDR2-SDRAM
- Software Programmable Watchdog
- Supports USB 2.0 five ports
- Supports 2 10/1000/1000 Base-T LAN
- Support HD Audio Function



Specifications

CPU:	Intel Atom-N270 1.6GHz
System Chipset:	Intel 945GSE+ICH7M
Bus Interface:	Compact size slot card with PICMG PCI expansion bus
RAM Memory:	One 200-pin So-Dim socket Support DDR-400/533 SDRAM (2GB maximum)
Cache Size:	Internal Cache 32KB(I), 24K(W)/512KB inside CPUs
VGA Display:	Intel945GSE embedded, supports CRT(VGA)/LVDS and Intel DVMT Technology
Ethernet:	2 Realtek RTL8111c chipset, supports 10/100/1000 Base-TX with RJ-45 connector
HDD:	2 SATA connector and one Compact Flash Socket Type II
Super I/O:	1 Parallel, 1 RS-232, and 1 RS-232/RS-422/RS-485
Keyboard/Mouse:	PS/2 compatible with 6-pin JST 2.0
USB:	Built-in 5 USB(V2.0) ports
Audio:	Supports HD control lines for FB4706 Audio board
BIOS:	512KB AMI flash BIOS (including VGA BIOS and LAN PXE boot-ROM)
H/W Monitoring:	Supports CPU temperature and Main/Aux. powers monitoring
Watchdog:	Software programmable
RTC & CMOS RAM:	On-Board Lithium battery for CMOS data retention.
Speaker:	Supports on-board buzzer
TTL I/O:	2 input lines and 2 output lines with header
Power Connector:	10-pin 2.5mm ATX Connector for stand alone applications
LED Indicator:	Power/Watchdog/LAN/HDD LED
Power Req.:	+5V – 2.88A (Typical)/5.74A (max), and +12V –0.25A (For FAN)
Operating Temp.:	0°C ~ 60°C (32°F ~ 140°F)
EMI Considered:	Add EMI components to COM ports, parallel port, CRT, and USB ports
Dimensions:	Compact size, 185 mm x 122 mm (7.28" x 4.80")

Optional Item

- 2 ports USB adaptor cable with bracket
- FB4706 Audio Adapter Board with cable
- Y-Type keyboard and mouse port adapter cables

Ordering Information

Model	Description	Verified OS
FB2647	Intel Atom-N270 1.6GHz CPU with 2S1P, VGA/LVDS, Audios, 2 Giga LANs, 5 USB and CF/Mini Card Socket	Windows 2000/XP/7, XP Embedded, and Linux



FabiaTech Corp.

TEL:886-2-22789586 FAX:886-2-22789575

4F-3, No.18, Lane 609, Chung-Hsin Rd., Sec.5, San-Chung City, Taipei Hsien, Taiwan, R.O.C.

www.fabiatech.com