



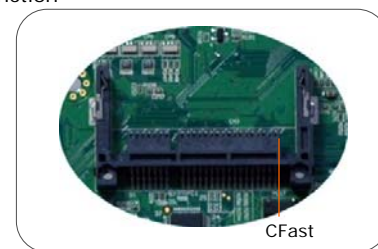
FB2648 Intel Atom N2600

All-In-One CPU Card with VGA/LVDS, 2S1P, 2LAN, 5USB, Audio and CFast Socket



Features

- Low Power Consumption Design
- Intel dual core CPU (Atom N2600 1.6GHz, 1M L2 Cache) and System Chipset (Atom N2600 + NM10)
- One So-DIMM Socket With up to 2GB DDR2-SDRAM
- Supports CRT/LVDS LCD and Intel DVMT Technology
- Supports 2 10/1000/1000 Base-T LAN
- 1 SATA Connector and 1 CFast socket
- 2 Serial and 1 Parallel Port
- Supports USB 2.0 five ports
- Support HD Audio Function



Specifications

CPU:	Intel Atom N2600 1.6GHz
System Chipset:	Intel Atom N2600 + NM10
Bus Interface:	Compact size slot card with PICMG PCI expansion bus
RAM Memory:	1 204-Pin SoDIMM socket (DDR3-800/1066 SDRAM 2GB maximum)
Cache Size:	Internal 64KB(I)/48KB(W) and 1MB L2 cache inside the CPUs
VGA Display:	Intel Atom N2600 embedded, supports CRT(VGA), LVDS LCD and Intel DVMT Technology
Ethernet:	2 Realtek RTL8111F chipset, supports 10/100/1000 Base-TX with RJ-45 connector
HDD:	1 SATA Connector and 1 CFast Socket
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:	2MB AMI flash BIOS (including VGA/LCD BIOS and PXE LAN 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 and header for external speaker
TTL I/O:	Supports 8 programmable I/O pins with header
Power Connector:	10-pin 2.5mm ATX Connector for stand alone applications
Power Req.:	+5V -1.3A (Typical)/5.7A (max.) and +12V - 0.25A (max.) (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

- FB4706 Audio Adapter Board with cable. (PN:0103020022G-11)
- Y-Type keyboard and mouse port adapter cables. (PN:7003000008G)
- 1 parallel-DB25 and 1 Serial-DB9 interface cable with bracket. (PN:7001000014G)

Ordering Information

Model	Description	Verified OS
FB2648	Intel Atom N2600 1.6GHz CPU with 2S1P, VGA/LVDS, Audios, 2 Giga LANs, 5 USB and CF/Mini Card Socket	Windows 7, XP Embedded, and Linux



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