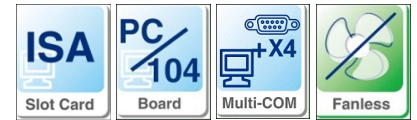


ISA Slot Cards

Low Power Solution



FB2702 Intel Celeron J1900

All-In-One CPU Card with VGA, 4S1P, LAN, 4USB, Audio and CFast Socket

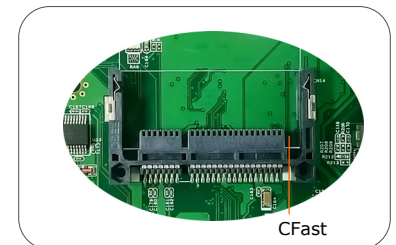


Features

- Fanless and low power consumption design
- Intel quad core CPU Celeron J1900 2.0GHz
- 1 SoDIMM socket supports up to 8GB DDR3L RAM
- Supports VGA and Intel DVMT Technology
- ISA, PC/104 and PCIe(*1) expansion bus
- One 10/100/1000 Base-TX LAN
- 1 SATA Connector and 1 CFast socket
- 4 Serial and 1 Parallel Port
- Supports USB 2.0 four ports
- Support HD Audio Function

Specifications

CPU:	Intel Bay-Trail J1900 2.0 GHz CPU with heat sink
System Chipset:	Intel J1900 SOC
Bus Interface:	ISA + PC/104 + PCIe*1
RAM Memory:	One 204-Pin SoDIMM socket (DDR3L-RAM/1333 8GB maximum)
Cache Size:	2MB L2 cache inside the CPUs
VGA/HD Display:	Intel J1900 SOC, supports VGA/HD, and Intel DVMT Technology
Ethernet:	Build-In RTL8111H chipset, supports 10/100/1000 Base-TX with RJ-45 connector
HDD:	1 SATA Connector and 1 CFast Socket
Super I/O:	1 Parallel, 3 RS-232, and 1 RS-232/RS-422/RS-485
Keyboard/Mouse:	PS/2 compatible with 6-pin mini-DIN connector and 6-pin 2.0mm JST connector
USB:	Built-in 4 USB(V2.0) ports with two 10-pin 2.54mm headers
Audio:	Supports Audio control lines for FB4706 (Audio adaptor board is optional)
BIOS:	8MB AMI flash BIOS (including VGA BIOS and PXE LAN boot-ROM)
H/W Monitoring:	Supports system 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
Power Connector:	10-pin ATX connector for stand alone applications
Power Req.:	+5V -2.4A (Typical)/5.8A (max.)
Operating Temp.:	0°C ~ 60°C (32°F ~ 140°F)
EMI Considered:	Add EMI components to COM ports, parallel port, VGA, and USB ports
Dimensions:	ISA Form-Factor, 185 mm x 122 mm (7.28" x 4.80")



Optional Item

Serial port and Print Port interface cables with bracket. (P/N: 7001000007G)
 FB4706 Audio Adapter Board with cables. (PN: 0103020022G-21)
 BP04IE- Backplane 4 slots+ 1 PCIe*1 slot. (PN: 0103000019G-11)
 Auxiliary Power Cable - ATX connect Cable Length- 20cm (PN:7103000057G)
 HD Display Kit - HD display cable -30cm (PN:7002040010G)

Ordering Information

Model	Description	Verified OS
FB2702	All-In-One Intel J1900 2.0GHz Low-Power CPU Card with VGA, 4S1P, 4USB, LAN, Audio and CFast Socket	Windows 7 Embedded, WIN10 IoT and Linux



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