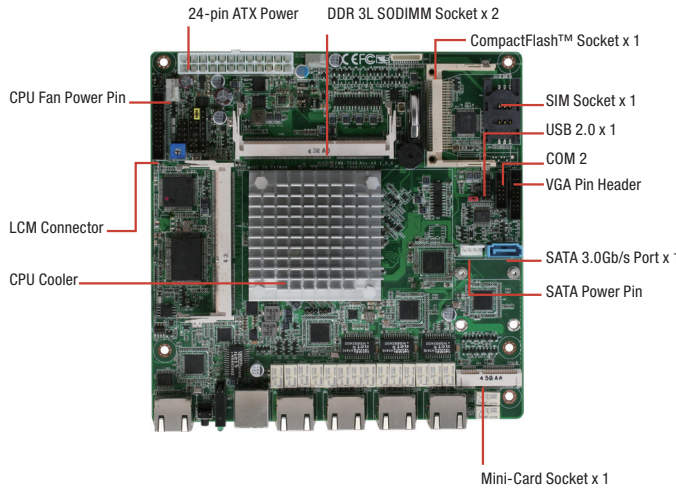
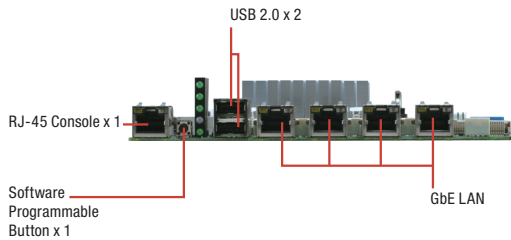


4 LAN Ports Networking Motherboard with Intel® Celeron® J1900 Porcessor SoC

Front View



I/O View



Features

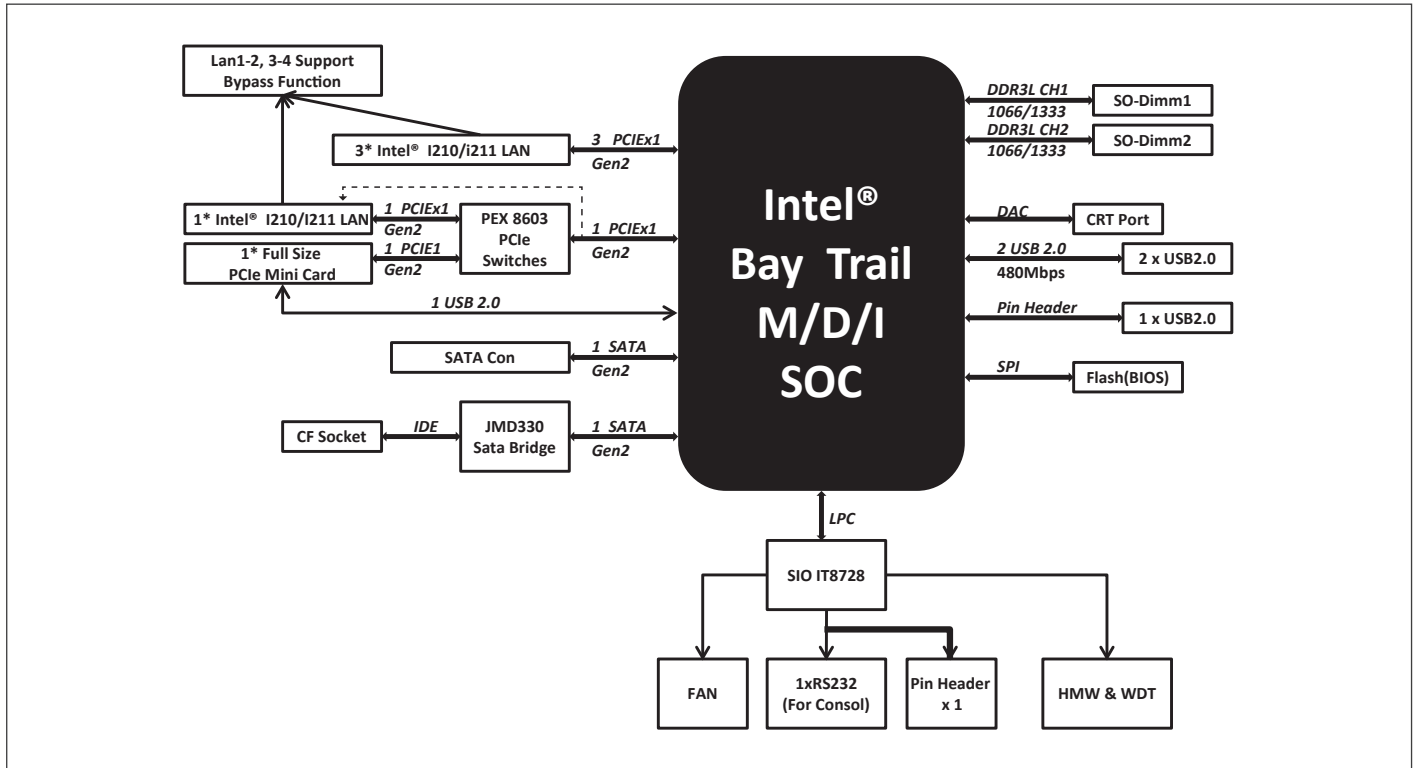
- Intel® Celeron® J1900 Processor SoC
- 204-pin Dual-channel DDR3L 1066/1333MHz SODIMM x 2, Up to 8 GB
- 10/100/1000Base-TX Ethernet Port x 4
- SATA 3.0 Gb/s x 1
- CompactFlash Card Socket x 1
- Mini-Card Slot x 1 (Optional)
- RJ-45 Console x 1, USB 2.0 x 2



Specifications

System	
Form Factor	Mini-ITX / Networking Motherboard
Processor	Intel® Celeron® J1900 2.0 GHz
System Memory	204-pin DDR3L 1333MHz SODIMM x 2, up to 8GB
Chipset	—
Ethernet	Intel® I210-AT (Co-lay with Intel® I211-AT), Gigabit Ethernet x 4
Bypass Function	Supports up to 2 Pair (optional)
BIOS	AMI BIOS
Serial ATA	CompactFlash Socket x 1, SATA2 connector x 1 (Optional SATA2 connector x 2)
Expansion Interface	Mini-Card socket w/ SIM card socket x 1 (optional)
Power Requirement	ATX 100W PSU
Power Consumption	Intel® Celeron® J1900 2.4 GH, DDR3L 1600 4GB, 0.26A@ 100VAC
Board Size	6.7" x 6.7" (170 mm x 170 mm)
Watchdog Timer	1~255 steps by software programming
MTBF (Hours)	110,571
OS Support	Windows® 7 or above, Linux
Display	
Chipset	Intel® Celeron® J1900, Intel® Atom™ E3845 (optional)
Graphic Engine	Intel HD Graphic
Resolution	2560 x 1600
Output Interface	Reserved Pin Header for Graphic Integrated Processor
I/O	
LAN Port	RJ-45 Port x 4
Serial Port	RJ-45 Console x 1
USB	USB 2.0 x 2
LED	Power LED x 1, Status LED x 1, HDD Active x 1, Bypass LED x 2
Others	Software Programmable Reset Button x 1
Environment	
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 185°F (-40°C ~ 85°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing

Block Diagram



Packing List

- FWB-7250

Optional Accessories

- 1700091805
Console Cable
- 1702031802
Power Cord, 3P-250V/10A, 180D, 1.8M, USA, YP22/YP12
- 1702031803
Power Cord, 3P-250V/10A, 180D, 1.8M, VDE, YP22/YP12

Ordering Information

Part Number	CPU	RAM	Bypass	Mini-Card Slot	Storage	LAN	USB	Console	Fan	TPM	Display	Mounting	Power
FWB-7250E4-A10-00	Intel® Celeron® J1900	DDR3L, SODIMM Dual Channel	—	Full size	SATA 3.0 Gb/s x 1 CompactFlash™ socket x 1	4	USB 2.0 x 2	RJ-45 x 1	Fanless	—	—	—	ATX