

FWB-7250

4 LAN Ports Networking Motherboard with Intel® Atom™ E3845/ Celeron® J1900 SoC

Front View



IO View



Features

- 4 LAN Ports Networking Motherboard
- Onboard Intel® Atom E3845/ Celeron® J1900 SoC
- 204-pin Dual channel DDR3L 1333MHz SODIMM x 2, Up to 8GB
- Intel® I210AT 10/100/1000Base-TX Ethernet port x 4
- Mini-Card socket with SIM socket x 1
- SATA II Connector x 1, CF Card socket x 1 (Optional SATA II Connector x 2)
- RJ-45 console x 1, USB2.0 x 2



Specifications

System	
Form Factor	Mini-ITX / Networking Motherboard
Processor	Intel® Celeron® J1900 2.0 GHz, Intel® Atom™ E3845 1.91 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
BIOS	AMI BIOS
Serial ATA	CompactFlash Socket x 1, SATA II connector x 1 (Optional SATA II connector x 2)
Expansion Interface	Mini-Card socket w/ SIM card socket x 1
Power Requirement	ATX 100W PSU
Power Consumption	Intel® Celeron® J1900 2.4 GH, DDR3L 1600 4GB, 0.26A@ 100VAC
Board Size	170mm x 170mm
Watchdog Timer	1~255 steps by software programming
MTBF (Hours)	110,000
OS support	Window® 7 or above, Linux
Display	
Chipset	Intel® Celeron® J1900, Intel® Atom™ E3845
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	USB2.0 x 2
LED	Power LED x 1, Status LED x 1, HDD Active x 1, Bypass LED x 2 (Optional)
Others	Software Programmable Reset Button x 1
Environment	
Operating Temperature	0°C ~ 60°C (32°F ~ 140°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	0%~90% relative humidity, non-condensing

Optional Accessories

- VGA Cable
- Power Supply
- LCM Kit
- HDD kit

Ordering Information

- FWB-7250E4-H10-A10-00
- FWB-7250E4-H10-A10-01