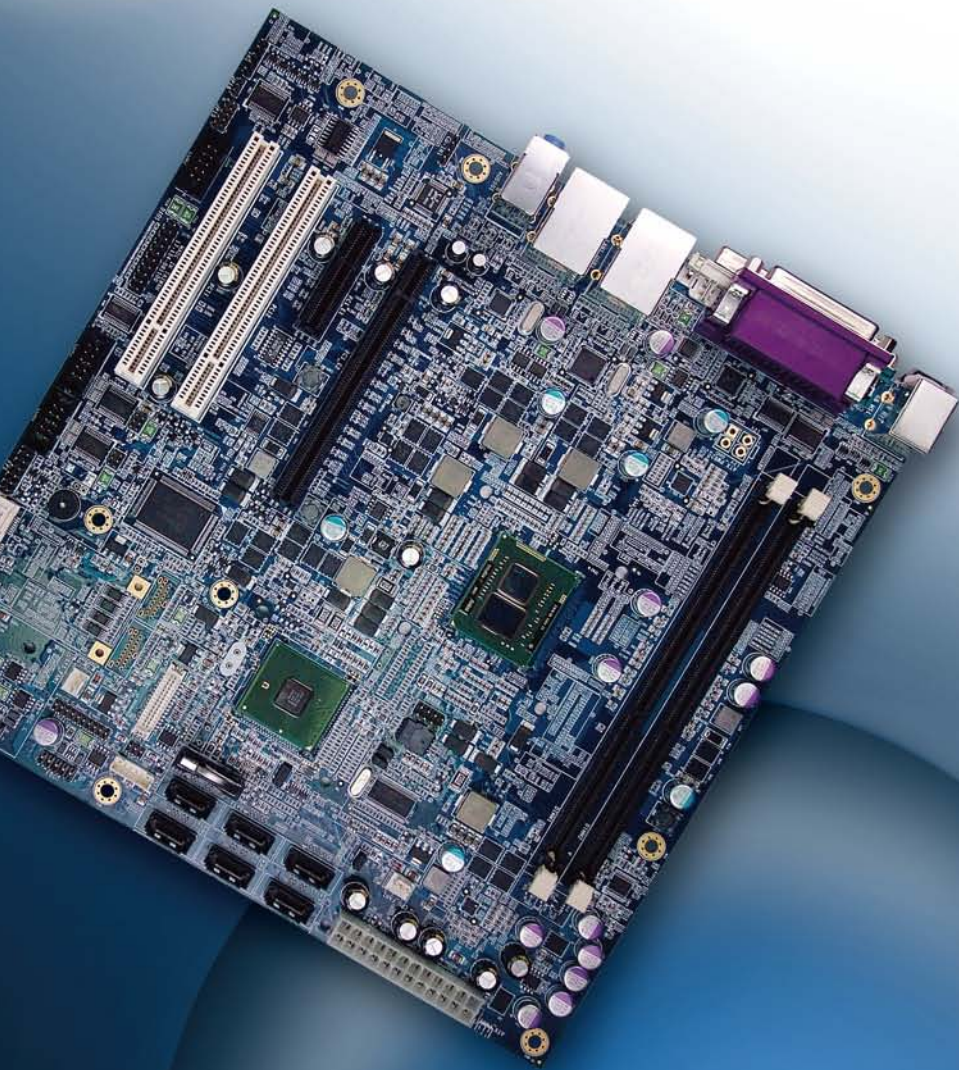


SBC



PMB-811LF

Intel® Calpella Micro ATX
MB w/VGA/LAN/Audio

Features and Benefits:

- Micro ATX Motherboard CPU card supports Intel® Arrandale processor
- Memory supports two DIMM socket, up to 8GB Dual channel 1066MHz DDR3 memory
- Intel® Arrandale integrated 3D graphics engine with DVI-I and LVDS and Display port display
- Support two LAN, Audio, Four Serial port, one Parallel port
- SATA port Supports Raid 0,1,5,10



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Protech Japan Co., Ltd.

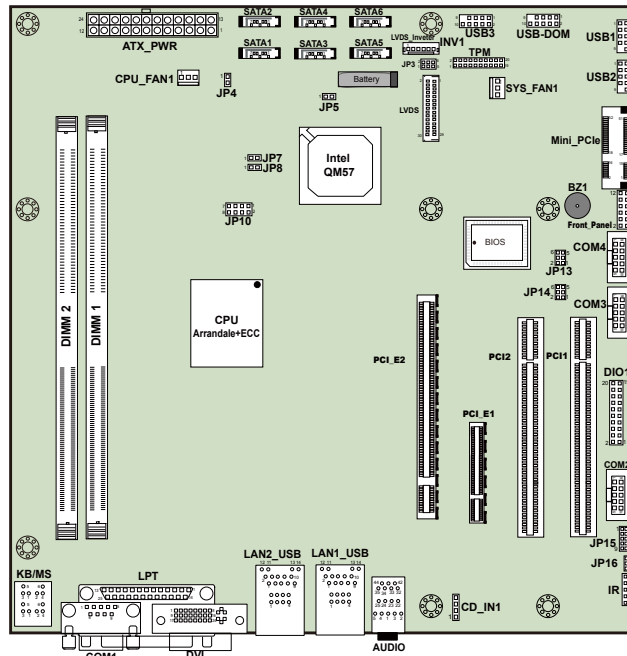
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9001 14001

PMB-811LF

Intel® Calpella Micro ATX MB w /VGA/LAN/Audio



Specifications

System	
CPU Support	Intel® Arrandale processor
CPU Frequency	2.53 / 2.4 / 2.0 / 1.86 / 1.06 MHz
Chipset	PCH QM57 + SPI
DRAM	2 x 240-pin DDR3 DIMM socket, support Dual channel 1066/800MHz up to 8GB, w/ ECC/ non-ECC
BIOS	AMI BIOS
Watchdog	1~255 secs Watchdog timer selectable w / Reset / NMI
Power Supply	Support ATX Power
Power Requirement	+3.3V, +5V, +12V, +5VSB
Dimension	244 mm x 244 mm (9.6" x 9.6")

I/O Chipset

SATA Interface	6 x S-ATA connector (RAID 0,1,5,10)
Expansion BUS	1 x PCI-E (16X) 1 x PCI-E (4X) 1 x Mini-PCIe 2 x PCI

Serial Port	COM 1/3/4 for RS-232, COM 2 for RS-232/422/485 (COM 3/4 can output +5V or +12V, and use Jumper settings)
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Parallel Port	1 x Parallel port (SPP / EPP / ECP)
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IrDA	1 (SIR)
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Keyboard	Mini DIN connector
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Mouse	Mini DIN connector
LAN	Dual Ports Lan1: Intel® 82577LM (10/100/1000 Mbps) Lan2: Intel® 82583V (10/100/1000 Mbps) Supports Wake-on-LAN
Audio	High Definition Audio; Realtek ALC888 with Line-in / Line-out / MIC
D/I/O	8-in/ 8-out
USB	8 x USB2.0

Display	Build-in Arrandale processor, share system memory; Support CRT (DVI-I), LVDS, Display port
LCD Interface	24-bit LVDS

Environment	
OperationTemp.	0°~60°C (32°~140°F)
Storage Temp.	-40°~85°C (-40°~185°F)
Humidity	Operation humidity 20~90%, Storage humidity 20~95%

Ordering Information	
PMB-811LF-520E	Micro ATX MB Intel® Arrandale i5-520E 2.40GHz w/DVI-I/ 2 Giga LAN/ Audio/4COM/Raid
PMB-811LF-620UE	Micro ATX MB Intel® Arrandale i7-620UE 1.06GHz w/DVI-I/ 2 Giga LAN/ Audio/4COM/Raid

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