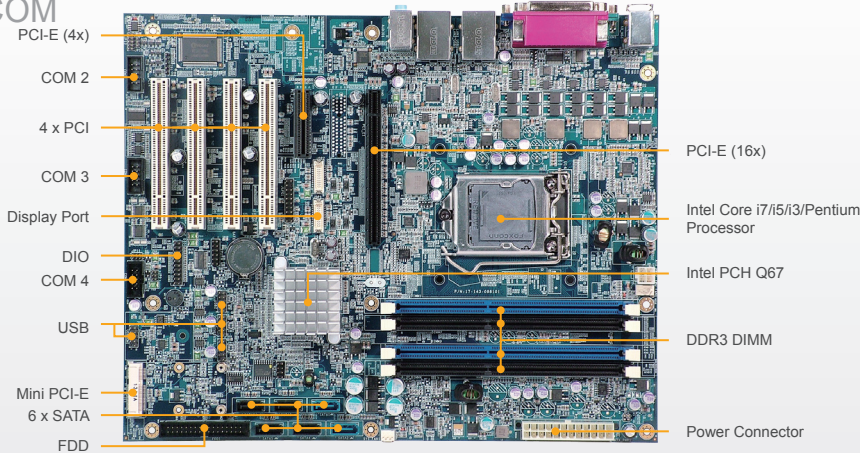


PMB-871LF



ATX MB supports Intel® 2nd Gen. Core™ i7/i5/i3 and Pentium® CPU with VGA/ DP/ Audio/ 2LAN/ 4COM



Features

- LGA1155 Intel® 2nd Gen. Core™ i7/i5/i3/Pentium® Processor
- Equipped with Q67 Chipset
- Memory supports four DDR3 DIMM socket 1333/1066 up to 32 GB
- Support Dual Gigabit Ethernet
- Supports SATA RAID 0, 1, 5, 10
- Expansion Slots for one PCIe(16x), one PCIe(4x), four PCI and one Mini PCIe

Specifications

System

CPU Support	Intel® Core™ i7/i5/i3 and Pentium® Processor
CPU Frequency	i7-2600: 3.4GHz i5-2400: 3.1GHz i3-2120: 3.3GHz Pentium G850: 2.9GHz Celeron G540: 2.5GHz
Chipset	Intel® PCH Q67
DRAM	4 x 240-pin DDR3 DIMM, support dual -channel 1333/1066Hz SDRAM Unbuffered DIMM (system max. 32GB)
BIOS	AMI BIOS
Watchdog	1~255 sec Watchdog timer selectable
Power Supply	Support ATX Power
Power Consumption	+5V:1.86A ; +12V:6.5A ; +3.3V:0.67A ; +5VSB:0.23A (CPU: Core i7-2600 3.4GHz)
Dimension	305 mm x 244 mm (12" x 9.6")
Certificate	FCC / CE
OS Support	Windows 7, Windows Vista, Windows XP SP3

I/O Ports

SATA Interface	2 x SATA III (6.0Gb/s), 4 x SATA II (3.0Gb/s), (Raid 0,1,10,5)
IDE Interface	1 x FDD connector
Expansion BUS	1 x PCIe(16x), 1 x PCIe(4x), 4 x PCI slot, 1x Mini PCIe
TPM	TPM1.2 with 20-pin header on board for TPM (Trusted Platform Module)
Serial Port	4 x COM port, COM 1/3/4 for RS-232, COM 2 for RS-232/422/485
Parallel Port	1 x Parallel port (SPP/EPP/ECP)
IrDA	1 (SIR)
Keyboard	PS/2 Connector, with mini DIN connector
Mouse	PS/2 Connector, with mini DIN connector
LAN	LAN 1: Intel® 82579LM (10/100/1000 Mbps) LAN 2: Intel® 82583V (10/100/1000 Mbps) Support Wake-on-LAN with ATX power
Audio	High Definition Audio; Realtek ALC888S with Mic / Line-In / Line-Out
DI/O	8 in / 8 out
USB	12 x USB 2.0

Display

Graphics	Build-in processor, share system memory Support 1 x VGA, 2 x Display port
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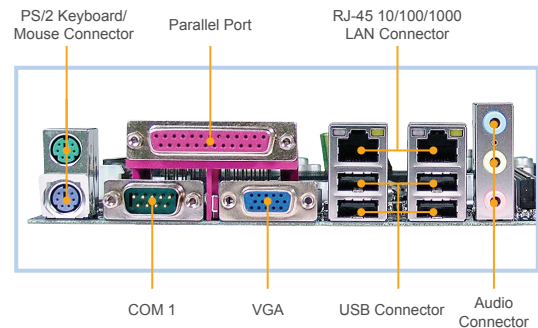
*Discrete graphic card is necessary for display if the chosen CPU doesn't have integrated graphics support.

Environment

Operation Temp.	0° ~ 60° C (32° ~ 140° F)
Storage Temp.	- 40° ~ 85° C (- 40° ~ 185° F)
Humidity	Operation humidity 5 ~ 90% (non-condensing)

*All information contained in this document is subject to change without prior notice. Please log on www.protech.com.tw to acquire latest information. For detail mechanics drawing, please contact our sales.

I/O Panel View



Ordering Information

Order No	Description
BA-0871RA-00P	ATX MB with Intel® Core™ i7/i5/i3 and Pentium®/Celeron® (LGA1155) with Q67/VGA/Audio/2LAN(1G)/4COM/Raid

Packing List

Part No	Description
10-611-00200123	Jumper (2.0mm)
20-010-03011000	I/O Shield
27-008-00001031	SATA cable
50-099-08710000	Quick Guide
	Driver CD

Ordering Accessories

Part No	Description
27-024-05206011	COM port cable w/ bracket
27-006-00004111	Dual USB cable w/ bracket
27-006-00007111	4 Port USB2.0 cable w/ bracket
27-001-55036031	FDD cable
81-003-18025144	CPU Cooler (for 65W CPU)
TBD	CPU Cooler (for 95W CPU)
27-047-00006112	DP to DVI cable

Order No	Description
BR-4010RA-01P	TPM Module (2.0/2.54mm)
BR-8080RA-00P	DP/eDP to LVDS Daughter Board
BR-6061RA-00P	4 UART (RS232) Half Size Card
BR-6061RA-03P	4 UART (RS422/485) Half Size Card