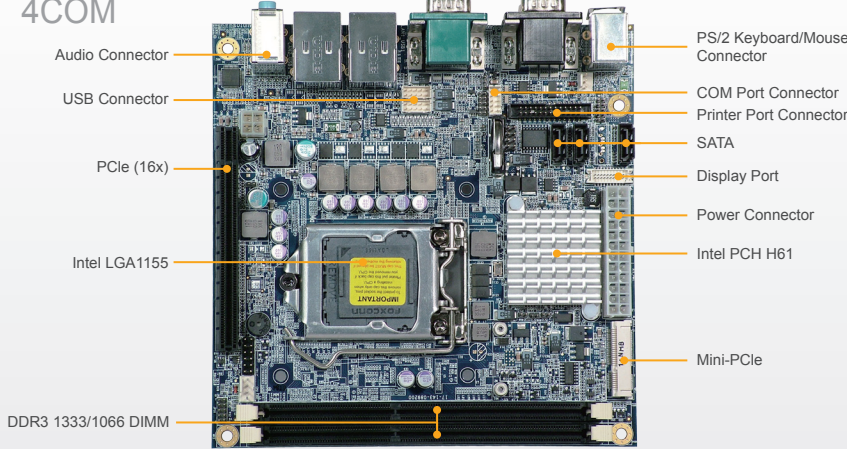


# PMB-872LF



Mini ITX MB Supports Intel® 2nd Gen. Core™ i7/ i5/ i3/ Pentium® CPU with VGA/ DP/ Audio/ 2LAN/ 4COM



## Features

- LGA1155 Intel® 2nd Gen. Core™ i7/ i5/i3 and Pentium® Processor
- Equipped with H61 Chipset
- Memory supports two DDR3 DIMM sockets 1333/1066 up to 16 GB
- Support Dual Gigabit Ethernet
- Expansion Slots for one PCIe(16x) and one Mini PCIe

## Specifications

### System

CPU Support	Intel® 2nd Gen. Core™ i7/i5/i3 and Pentium® /Celeron® 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 H61
DRAM	2x 240-pin DDR3 DIMM , support dual -channel 1333/1066Hz SDRAM Unbuffered DIMM (system max. 16GB)
BIOS	AMI BIOS
Watchdog	1~255 sec Watchdog timer selectable
Power Supply	Support ATX Power
Power Consumption	+5V:3.29A ; +12V:6.06A ; 3.3V:0.68A ; +5VSB:0.46A (CPU: i7-2600)
Dimension	170mm x 170mm (6.69" x 6.69")
Certificate	CE/FCC
OS Support	Windows 7, Windows Vista, Windows XP SP3

### I/O Ports

SATA Interface	3 x S-ATA II (3.0Gb/s)
Expansion BUS	1 x PCIe(16x) , 1x Mini PCIe
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)
Keyboard	PS/2 Connector, with mini DIN connector
Mouse	PS/2 Connector, with mini DIN connector
LAN	LAN 1: Intel® 82579V (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
D/I/O	4 in / 4 out
USB	8 x USB 2.0

### Display

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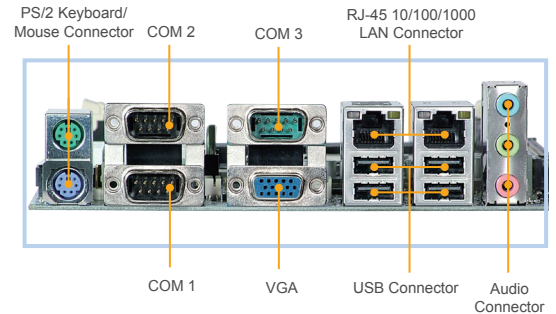
\*Discrete graphic card is necessary for display if the chosen CPU doesn't have integrated graphics support.

### 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](http://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
BM-0872RA-01P	Mini-ITX MB with Intel® 2nd Gen. Core™ i7/i5/i3 and Pentium® / Celeron® with H61 /DDR3/VGA/ Audio/2LAN(1G)/4COM

## Packing List

Part No	Description
10-611-00200023	Jumper (2.00mm)
80-010-07001212	I/O Shield
27-008-00001031	SATA cable
50-099-08720000	Quick Guide
	Driver CD

## Ordering Accessories

Part No	Description
27-006-03306111	Dual USB cable w/ bracket
27-024-10306011	Single COM port cable w/ bracket
27-004-24305011	Printer port cable with bracket
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-8080RB-00P	DP/eDP to LVDS Daughter Board