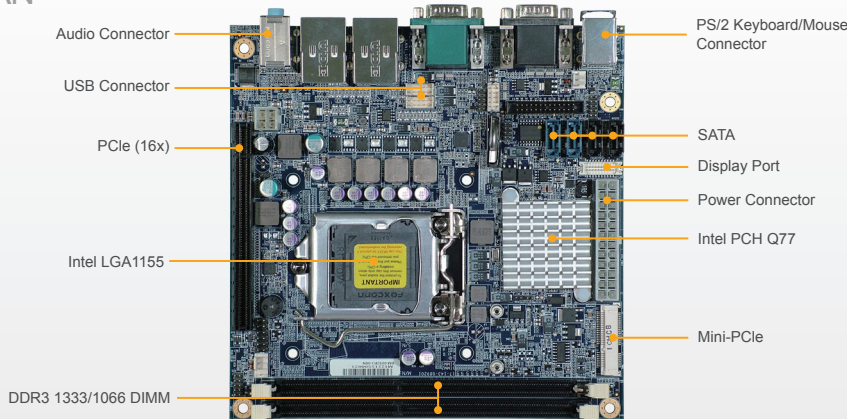


PMB-892LF



Mini ITX MB Supports Intel® 3rd Gen. Core™ i7/ i5/ i3/ Pentium® CPU with VGA/ DP/ Audio/ 4COM/ 2LAN



Features

- LGA1155 Intel® 3rd Gen. Core™ i7/i5/ i3 and Pentium® Processor
- Equipped with Intel® Q77 Chipset
- Memory support Two DDR3 DIMM sockets 1333/1600 up to 16 GB
- Support Dual Gigabit LAN
- Support SATA RAID 0, 1, 5, 10
- Expansion Slots for one PCIe(16x) and one Mini PCIe
- Support USB 3.0

Specifications

System

CPU Support	Intel® 3rd Gen. Core™ i7/i5/i3 and Pentium® processor
CPU Frequency	i7-3770: 3.4GHz i5-3550S: 3.0GHz i3-3220: 3.3GHz Pentium G2120: 3.1GHz
Chipset	Intel® PCH Q77
DRAM	2x 240-pin DDR3 DIMM , support dual-channel 1333/1600MHz Unbuffered DIMM (system max. 16GB)
BIOS	AMI BIOS
Watchdog	1~255 secs Watchdog timer selectable
Power Supply	Support ATX Power
Power Consumption	+5V:1.48A ; +12V:4.88A ; +5VSB:0.25A (CPU: i7-3770 3.4GHz)
Dimension	170mm x 170mm (6.69" x 6.69")
Certificate	CE/FCC
OS Support	Windows7, Windows Vista, Windows XP SP3

I/O Ports

SATA Interface	2 x SATA III (6.0Gb/s) + 2 x SATA II (3.0Gb/s), (Raid 0,1,5,10)
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 (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
D/I/O	4 in / 4 out
USB	4 x USB 2.0 + 4 x USB 3.0

Display

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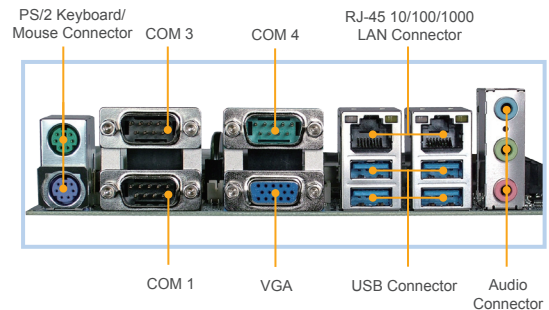
*Discrete graphic card is necessary for display if the chosen CPU doesn't have integrated graphics support.

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 to acquire latest information.

I/O Panel View



Ordering Information

Order No	Description
BM-0892RA-00P	Mini-ITX MB with Intel® Socket H2 (LGA1155)+Q77 /VGA/ Audio/2LAN(1G)/4COM/RAID

Packing List

Part No	Description
10-611-00200023	Jumper (2.00mm)
80-010-07001212	I/O Shield
27-008-00001031	SATA cable
50-099-08920000	Quick Guide Driver CD

Ordering Accessories

Part No	Description
27-006-03306111	Dual USB cable w/ 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