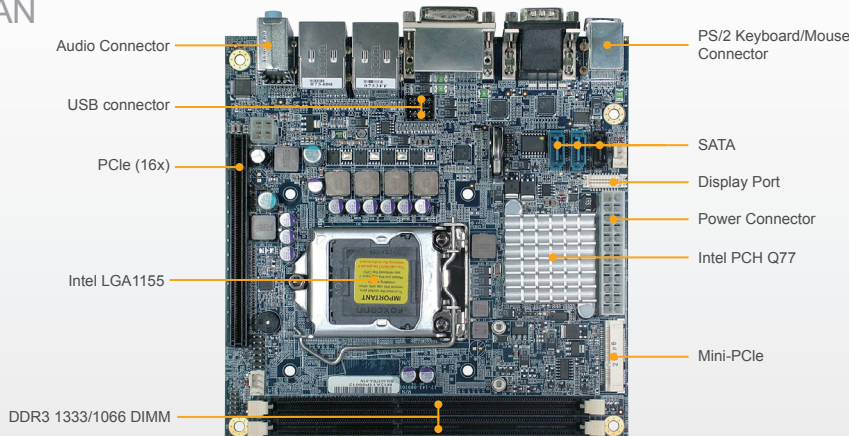


PMB-897LF



Mini ITX MB Supports Intel® 3rd Gen. Core™ i7/ i5/ i3/ Pentium® CPU with 2DVI/ DP/ Audio/ 2COM/ 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
 - 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	2 x 240-pin DDR3 DIMM , support dual-channel 1333/1600MHz SDRAM Unbuffered DIMM (system max. 16GB)
BIOS	AMI BIOS
Watchdog	1~255 sec 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	Windows 8, Windows 7, Windows XP SP3

I/O Ports

SATA Interface	2 x SATA III (6.0Gb/s), 1 x SATA II (3.0Gb/s), (Raid 0,1,5)
Expansion BUS	1 x PCIe(16x) , 1 x Mini PCIe
Serial Port	2 x COM port, RS-232 only
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
USB	4 x USB 2.0 + 4 x USB 3.0

Display

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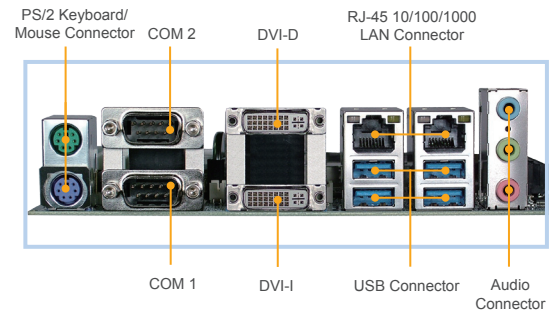
*Discrete graphic card is necessary for display if the chosen CPU doesn't have integrated graphics support.

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. For detail mechanics drawing, please contact our sales.

I/O Panel View



Ordering Information

Order No	Description
BM-0897RA-01P	Mini-ITX MB with Intel® Socket H2 (LGA1155)+Q77 /2DVI/ Audio/2LAN(1G)/2COM/RAID

Packing List

Part No	Description
10-611-00200023	Jumper (2.00mm)
20-010-07001251	I/O Shield
27-008-00001031	SATA cable
50-099-08970000	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