

# SBC



## **PMB-897LF**

Mini ITX MB Supports  
Intel® 3rd Gen. Core™ i7/  
i5/ i3/ Pentium® CPU with  
2DVI/ DP/ Audio/ 2COM/  
2LAN(1G)

### **Features :**

- LGA1155 Intel® 3rd Gen. Core™ i7/i5/i3 and Pentium® Processor
- Equipped with Intel® Q77 Chipset
- Memory support Two DDR3 DIMM sockets 1333/1066 up to 16 GB
- Support Dual Gb LAN
- Expansion Slots for one PCI-E(16x) and one MiniPCI-E
- Support SATA RAID 0, 1, 5, 10



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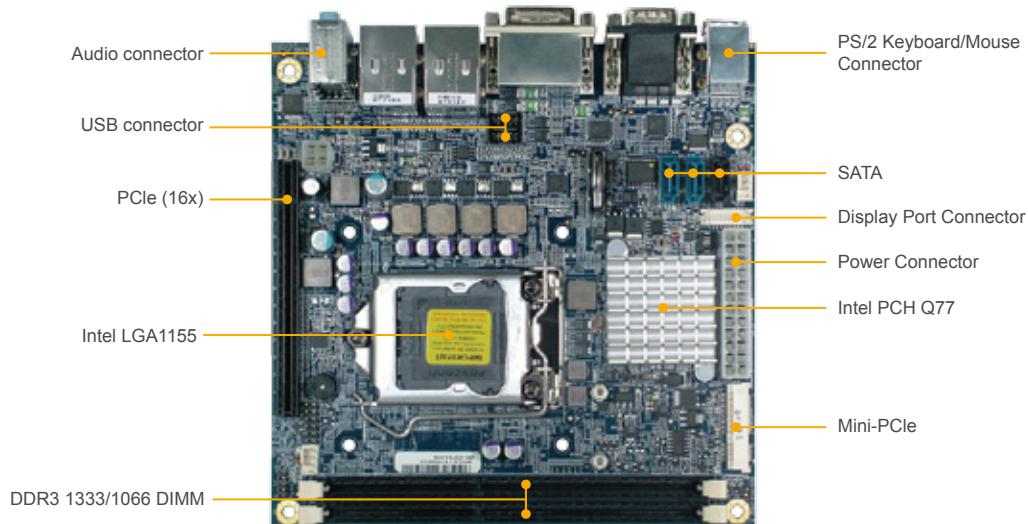
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ISO CERTIFIED  
**9001 14001**

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Mini ITX MB Supports Intel® 3rd Gen. Core™ i7/ i5/ i3/ Pentium® CPU with 2DVI/ DP/ Audio/ 2COM/ 2LAN(1G)



Specifications	
System	
<b>CPU Support</b>	Intel® 3rd Gen. Core™ i7/i5/i3 and Pentium® processor
<b>CPU Frequency</b>	3.0~3.4GHz
<b>Chipset</b>	Intel® PCH Q77
<b>DRAM</b>	2x 240-pin DDR3 DIMM , support dual-channel 1333/1066MHz(system max. 16GB)
<b>BIOS</b>	AMI BIOS
<b>Watchdog</b>	1~255 secs Watchdog timer selectable
<b>Power Supply</b>	Support ATX Power
<b>Power Requirement</b>	+5V, +12V, -12V,+3.3V, +5VSB
<b>Dimension</b>	170mm x 170mm (6.69" x 6.69")
<b>Certificate</b>	CE/ FCC

I/O Chipset	
<b>SATA Interface</b>	3 x SATAII
<b>Expansion BUS</b>	1 x PCI-E(16x) , 1x MiniPCI-E
<b>Serial Port</b>	2 x COM port, RS-232 only
<b>Keyboard</b>	PS/2 Connector, with mini DIN connector
<b>Mouse</b>	PS/2 Connector, with mini DIN connector

<b>LAN</b>	LAN 1: Intel® 82579V (82579LM) (10/100/1000 Mbps) LAN 2: Intel® 82583V (10/100/1000 Mbps) Support Wake-on-LAN with ATX power
<b>Audio</b>	High Definition Audio; Realtek ALC888S with MIC / Line-In / Line-Out
<b>USB</b>	4 x USB 2.0 + 4 x USB 3.0

Display	
<b>Graphics</b>	Build-in processor, share system memory Support DVI-I, DVI-D, Display port

\*Discrete graphic card is necessary for display if the chosen CPU doesn't have integrated graphics support.

Environment	
<b>Operation Temp.</b>	0° ~ 60° C ( 32° ~ 140° F )
<b>Storage Temp.</b>	- 40° ~ 85° C ( - 40° ~ 185° F )
<b>Humidity</b>	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.

Ordering Information	
<b>BM-0897RA-01P</b>	Mini-ITX MB with Intel® Socket H2 (LGA1155)+ Q77 /2DVI/Audio/2LAN(1G)/2COM/RAID