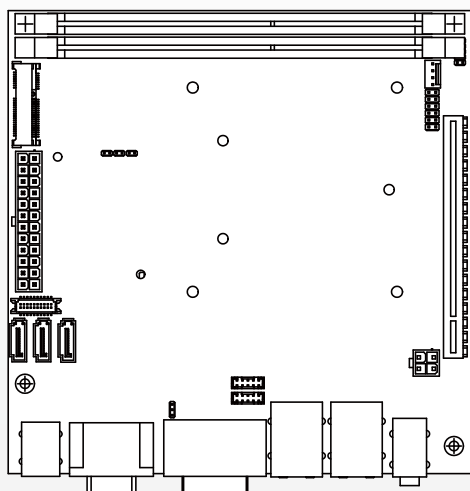


# PMB-897LF



Mini-ITX MB Supports LGA1155 Intel® Core™ i7/ i5/ i3/ Pentium® CPU with Intel 7series chipset, DDR3, 2DVI, Audio, 2LAN(1G), 2COM



## Features

- LGA1155 Intel® Ivy Bridge 3rd Gen. Core™ i7/i5/i3 and Pentium® processor
- Two DIMM sockets support up to 16 GB dual-channel DDR3 1333/1066
- Support Dual Gb Ethernet
- Expansion Slots for one PCI-E(16x) and one MiniPCI-E

## Specifications

### System

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

### I/O Ports

SATA Interface	3 x SATAII
Expansion BUS	1 x PCI-E(16x) , 1x MiniPCI-E
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 Supports VGA, Display port
----------	-----------------------------------------------------------------------

\*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.

## Ordering Information

Part No	Description
PMB-897LF-Q77	Mini-ITX MB with Intel Socket H2 (LGA1155)+Q77 /2DVI/Audio/2LAN (1G)/2COM/RAID

## Packing List

Part No	Description
10-611-00200023	jumper (2.0mm)
80-010-07001212	I/O Shield
27-008-00001031	SATA cable
	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
27-004-00005011	Printer port cable with bracket
21-003-18025143	CPU Cooler w/bracket for 65W cpu
TBD	CPU Cooler w/bracket for 95W cpu