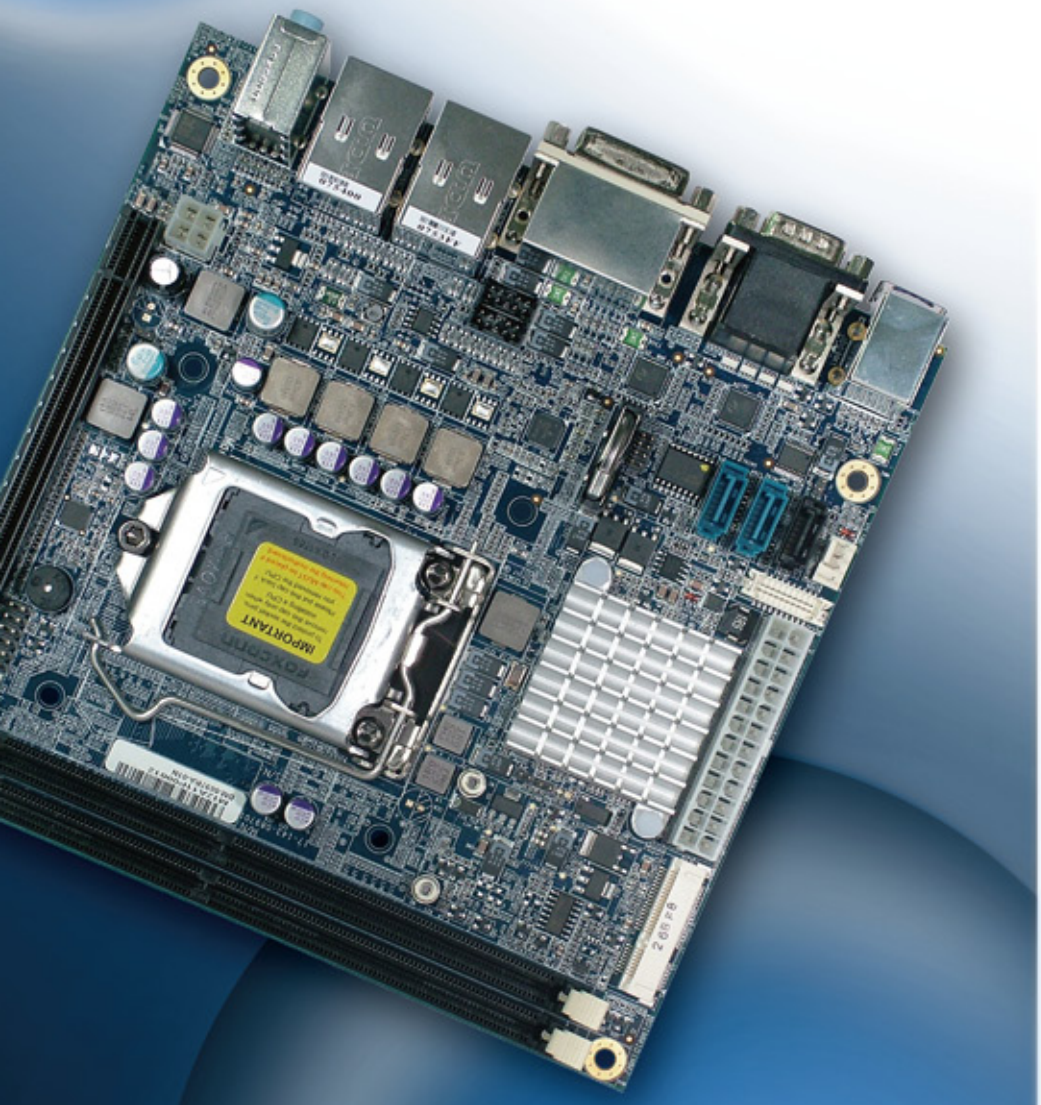
SBC



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

RoHS Compliant

PROTECH SYSTEMS
It's the right choice

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E-mail: sales@protech.com.tw
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http://www.protech-usa.net

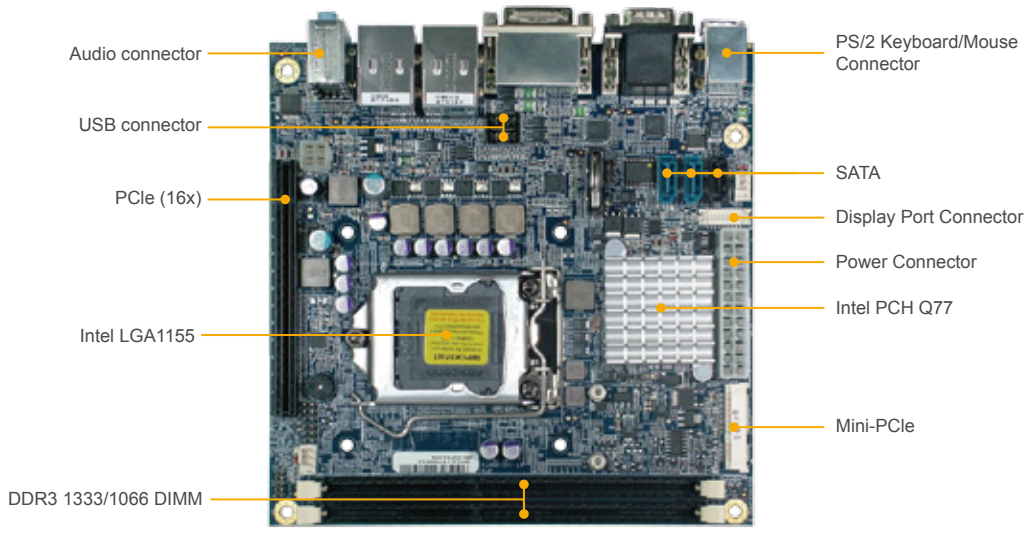
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intel Intelligent Systems Alliance

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PMB-897LF

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



Specifications

System

CPU Support	Intel® 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 ATX Power
Power Requirement	+5V, +12V, -12V,+3.3V, +5VSB
Dimension	170mm x 170mm (6.69" x 6.69")
Certificate	CE/ FCC

I/O Chipset

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	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

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.

Ordering Information

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

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