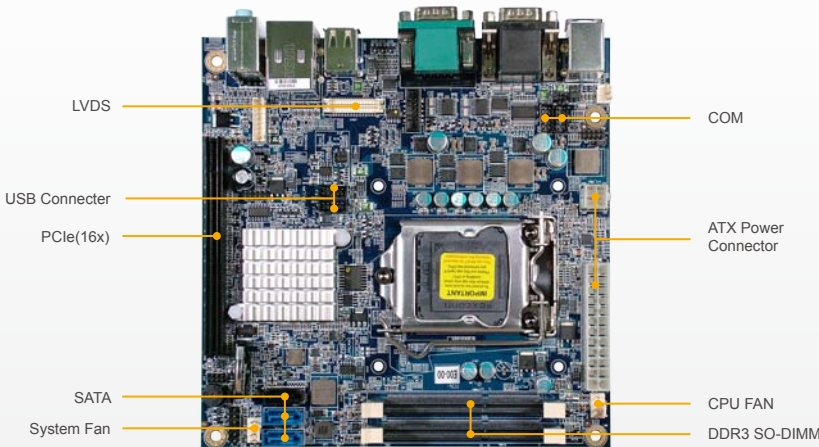


BM-0947

NEW



Mini ITX MB supports Intel® i7/ i5/ i3 Pentium® Processor with VGA/LVDS/2LAN/ 6COM/Audio



Features

- Supports LGA1150 Intel® i3/ i5/ i7 Processor
- Supports Intel® H81 Chipset
- Memory supports DDR3 1333/1600 SO-DIMM up to 16GB
- Supports Dual Gigabit Ethernet
- Supports USB 3.0
- Expansion Slots for one PCIe(16x)

Specifications

System

CPU Support	Intel® i7/ i5/ i3 Pentium processor
CPU Frequency	i7-4770S: 3.9GHz; i5-4570S: 3.6GHz i5-4570TE: 3.3GHz
Chipset	Intel® H81
DRAM	2 x 204-pin DDR3 SO-DIMM, support dual-channel DDR3 1333/1600MHz (system max. 16GB)
BIOS	AMI
Watchdog	1~255 sec Watchdog timer selectable
Power Supply	Support ATX power
Power Consumption	+5V; +12V; +3.3V; +5VSB
Dimension	170mm x 170mm (6.69" x 6.69")
Certificate	FCC / CE
OS Support	Windows 8, Windows 7

I/O Ports

SATA Interface	2 x SATA III (6.0Gb/s), 1 x SATA II (3.0Gb/s)
Expansion BUS	1 x PCIe(16x)
Serial Port	6 x COM port, COM 1/3/4/5/6 for RS-232, COM 2 for RS-232/422/485 COM1/2 support 5V/12V
LAN	LAN 1: Intel® i217LM/V (10/100/1000 Mbps) Support Wake-on-LAN with ATX power
Audio	High Definition Audio; Realtek ALC888S with MIC / Line-In / Line-Out
Keyboard/Mouse	PS/2 Connector
USB	6 x USB 2.0 + 2 x USB 3.0
FAN	1 x CPU FAN + 2 x System FAN

Display

Graphics	Build-in processor, share memory, Support, 1 x VGA 1 x LVDS (18/24 bits)
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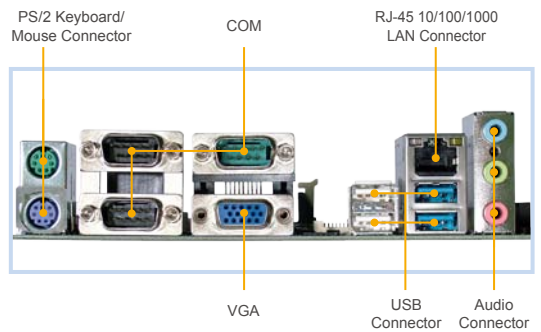
*Discrete graphic card is necessary for display if the chosen CPU doesn't have integrated graphics support.

Environment

Operation Temp.	0° ~ 60° C (32° ~ 140° F)
Storage Temp.	- 40° ~ 85° C (- 40° ~ 185° F)
Humidity	Operation humidity 20 ~ 90%, storage humidity 20 ~ 95%

*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-0947RA-00P	Mini ITX MB with Intel i7/i5/i3 Processor(LGA1150)+H81, DDR3/LVDS/LAN/6COM

Packing List

Part No	Description
10-611-00200023	Jumper (2.0mm)
27-008-00001031	SATA Cable
	I/O Shield
	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)