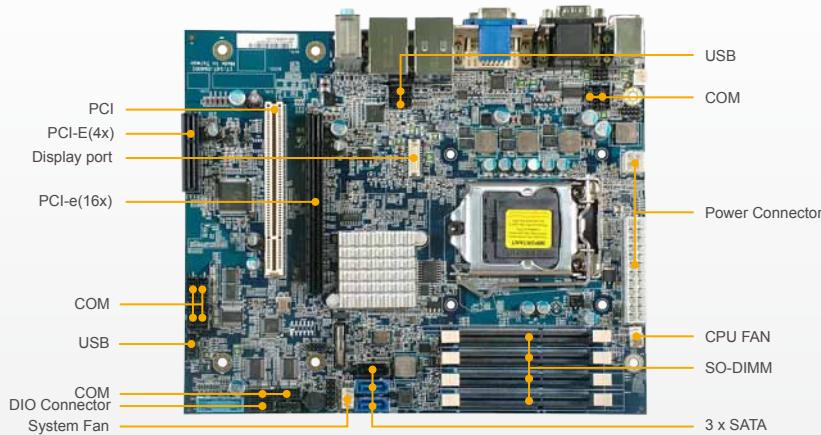


BK-0940

NEW



Flex ATX MB supports Intel® 4th Gen. Core™ i7/i5/i3/ Pentium® Processor with DVI/ DP/ 2LAN/ 10COM/ Audio/ PCI



Features

- LGA1150 Intel® 4th Gen. Core™ i7/i5/i3 and Pentium® Processor
- Memory support two DDR3 SO-DIMM sockets 1333/1600 up to 32 GB
- Support VGA, DVI and Display Port
- Support Dual Gigabit LAN
- Support SATA RAID 0, 1, 5.
- Expansion Slots for one PCIe(16x)
- Support 10 Series ports
- Support PCI

Specifications

System

CPU Support	Intel® 4th Gen. Core™ i7/i5/i3 and Pentium® processor
CPU Frequency	3.3~3.9GHz
Chipset	Intel® PCH H81/Q87
DRAM	4 x 204-pin DDR3 So-DIMM, support dual-channel DDR3 1333/1600MHz (system max. 32GB)
BIOS	AMI BIOS
Watchdog	1~255 sec Watchdog timer selectable
Power Supply	Support ATX Power
Power Consumption	+5V:1.3A; +12V:2.35A; +3.3V:0.6A; +5VSB:0.14A (CPU: i7 4770S 3.1GHz)
Dimension	229mm x 191mm (9.0" x 7.5")
Certificate	CE/ FCC
OS Support	Windows 8, Windows 7, XP

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 PCIe(4x), 1 x PCI
Serial Port	10 x COM port, COM 1~10 for RS-232, COM 2 for RS-232/422/485 COM3/4 support 5V/12V
Keyboard/Mouse	PS/2 Connector, with mini DIN connector
FAN	1 x CPU FAN + 2 x System FAN
LAN	LAN 1: Intel® i217LM/V (10/100/1000 Mbps) LAN 2: Intel® i210-AT (10/100/1000 Mbps) Support Wake-on-LAN with ATX power
Audio	High Definition Audio; Realtek ALC888S with MIC / Line-In / Line-Out
USB	6 x USB 2.0 + 4 x USB 3.0

Display

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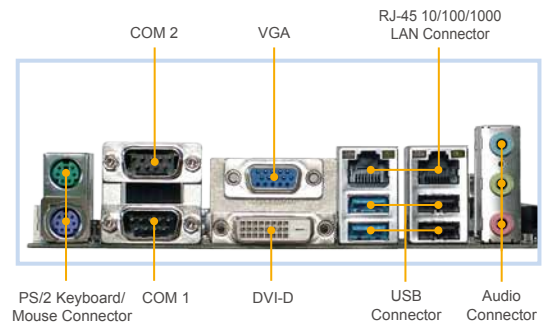
*Discrete graphic card is necessary for display if the chosen CPU doesn't have integrated graphics support.

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
BK-0940RA-00P	Flex ATX MB with Intel® i7/i5/i3 Processor(LGA1150)+H81, w/ VGA/4DDR3/DVI/2LAN/10COM
BK-0940RA-01P	Flex ATX MB with Intel® i7/i5/i3 Processor(LGA1150)+Q87, w/ VGA/2DDR3/DVI/2LAN/10COM

Packing List

Part No	Description
TBD	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
81-003-18025144	CPU cooler (for 65W CPU)
27-047-00006111	DP to DVI Cable

Order No	Description
BR-8080RB-00P	DP/eDP to LVDS Daughter Board