

**Model: NBC-B75**  
**Intel®Core™i3/5/7, PICMG 1.0 Single Board Computer**



**Main Feature:**

- Intel B75 chipset, support Intel Sandy/Ivy Bridge Core™ i3/i5/i7/ Celeron® processor with LGA1155 socket
- 2 x DDRIII RAM slot, DDRIII 1033/1333/1600MHZ dual-channel up to 16G
- 2 x RTL8111E network chip, provide 2 X Gigabit LAN
- 8 x USB, 4 x SATA, 2 x COM, 1 x LPT
- Dimensions: 338mm x 122mm

Specification	
Item	Description
System	
Product Type	PICMG1.0 Spec. Full Size CPU Card
Processor	Support LGA1155 Intel® Core™ i3/i5/i7/ Pentium®/ Celeron® processor
System Memory	2 x DDR3 DIMM Socket with dual channel mode, 1033/1333/1600 memory up to 16GB
Chipset	Intel B75
I/O Chip	ITE8888
Ethernet	Realtek RTL8111E, 10/100/1000Mbps, 2 x RJ-45
BIOS	AMI 32M bit SPI
Wake-on-LAN	Support
Watchdog Timer	Programmable 0.5 sec. to 254.5 min, support Hardware Reset
Hardware Monitoring	Support the monitoring of voltage, processor fan speed and temperature
Battery	Lithium battery
Power Supply	+12V, supplied by backplane
Motherboard Size	338mm X 122mm

Operating Temperature	0 °C to 60 °C
Storage Temperature	-40 °C to 80 °C
Relative Humidity	5%-95%(non-condensing)
Display	Support VGA display output
Controller	Intel B75 with Intel HD integrated
Graphics Memory	Dynamic graphics memory up to 1GB
Resolutions	CRT support up to 2048 X 1536@75Hz
I/O	
Storage	4 x SATAII
COM	2 x RS-232
LPT	SPP/EPP/ECP mode
USB	8 x USB2.0
MS/KB	1x 6-pin internal mouse & keyboard port, 1x PS/2 port for mouse and keyboard
Audio	Realtek ALC662; support MIC-IN, Line-OUT and Line-IN