

Model: NBC-A77
PCIMG 1.3 Full Size SBC, Intel®Core™ i3/5/7



Main Feature:

- Support Intel® Core™ i7/i5/i3/ Pentium® / Celeron® processor with LGA1155 socket.
- Two DDR3-1600 DIMM sockets support up to 16GB system memory in Dual Channel Mode.
- Dual GbE LANs with iAMT8.0 support.
- Multiple I/O functions: 4 x USB3.0, 4 x USB2.0, 6 x COM ports, 6 x SATA, 1 x LPT
- Six SATA ports support RAID, AHCI and IDE mode.
- Two Mini-PCIE sockets
- Multiple Displays: VGA & DVI support up to dual display.

Specification	
Item	Description
System	
Processor	<ul style="list-style-type: none"> • Intel® Core™ i7/i5/i3/ Pentium®/ Celeron® processor • LGA1155 socket.
System Memory	<ul style="list-style-type: none"> • 2 X DDR3 DIMM Socket with dual channel mode • Supports DDR3 1600/1333 memory up to 16.0 GB
Chipset	Intel Q77
Video	<ul style="list-style-type: none"> • Integrated Intel® HD graphic technology • 1 x D-Sub connector on bracket for CRT display • 1 x 20-pins connector for DVI displays.
Power Management	ACPI 3.0 compliant, supports power saving mode
On-board I/O	<ul style="list-style-type: none"> • 1 x RS232/422/485 and 5x RS232 Port • 1 x GPIO port • 1 x CDIN connector • 1 x Audio connector,

	<ul style="list-style-type: none"> • 1 x IrDA, 1 x SIM socket, 1 x SMBUS connector, • 4 x USB 2.0, 4 x USB3.0, 1 x Parallel port.
Ethernet	<ul style="list-style-type: none"> • Intel ® 82579LM and Intel ® 82574L dual gigabit ethernet controllers with Dual RJ45 on bracket • Support Wake-on-LAN, teaming, fault-tolerance and remote boot • Support AMT 8.0
Expansion Slot	<ul style="list-style-type: none"> • 1 x PCI-Express x16 • 4 x PCI-Express x1 • 4 x PCI bus master • 2 x Mini-PCI x E sockets
Watchdog Timer	Programmable watchdog timer for 1~255 seconds
Audio	<ul style="list-style-type: none"> • RealTek® ALC888 High-Definition Audio chip onboard • Support Line-OUT, Line-IN, MIC, SPDIF, CD-IN
Power Requirement	+5V, +12V & 5VSB
Cooling	<ul style="list-style-type: none"> • 1 x CPU fan connector nearby CPU socket • 1 x system fan connectors for system cooling • Support Smart fan speed control
Form Factor	PICMG 1.3 Full-Size SBC
Motherboard Size	338mm X 126mm
Operation Temperature	0 °C to 60 °C
Storage Temperature	-20 °C to 80 °C
Relative Humidity	5%~95%(non-condensing)