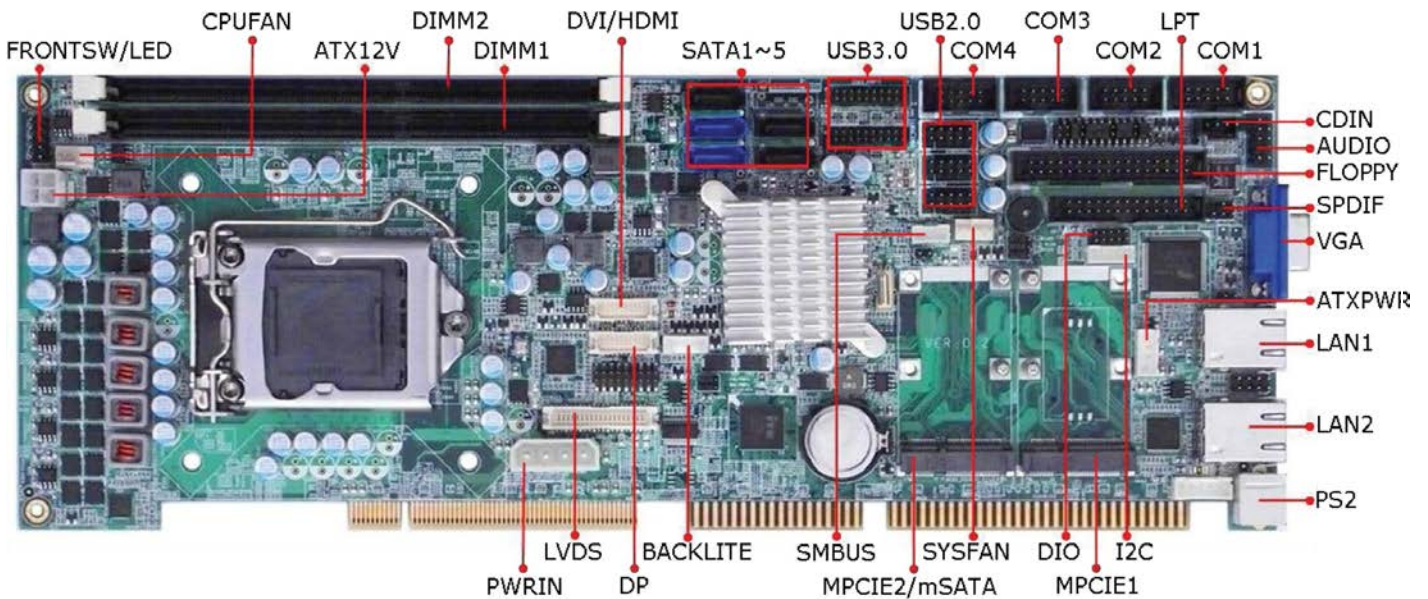


Model: NBC-Q77
Intel® Core™ i3/5/7/Xeon®, PICMG 1.0 SBC



Main Feature:

- Support Intel® Core™ i7/i5/i3/ Xeon® / 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 1/0 functions: 4x USB3.0, 6x USB2.0, 4x COM ports, 6x SATA, 1x LPT, 1 x FDD, 8 bits DIO.
- Six SATA ports support RAID, AHCI and IDE mode.
- Two Mini-PCIE sockets, one supports mSATA option.
- Multiple Displays: CRT, HDMI/DVI, Dual 24-bits LVDS LCD (optional), support up to triple independent display.

Specification	
Item	Description
System	
Processor	<ul style="list-style-type: none"> • Intel® Core™ i7/i5/i3/ Xeon® / Pentium® / Celeron® processor • LGA1155 socket.
BIOS	<ul style="list-style-type: none"> • uEFI BIOS • 64Mbit FlashROM with DOS and Windows update utility support
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"> • Intel® Core™ i processors integrated Graphics Engine • 1 x D-Sub connector on bracket for CRT display

	<ul style="list-style-type: none"> • 1 x 20-pins connector for HDMI/DVI displays. • 1 x 20-pins connector for DisplayPort display. • (Optional) 1 x 40-pins connector to support up to Dual-24bits LVDS LCD
On-board I/O	<ul style="list-style-type: none"> • 4 x serial ports as COM1~COM4, COM1 is RS232/422/485 selectable by jumper with auto-flow control • 1 x Parallel port supports SPP/ECP/EPP mode • 1 x Floppy connector for up to two drives • 4 x USB3.0 ports • 6 x USB2.0 ports • 2 x SATA-III and 4 x SATA-II ports support IDE, AHCI, RAID0, RAID 1, RAID 5, and RAID10 mode
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"> • 2 x Mini-PCIe sockets • 1 supports Mini-PCIE or mSATA module, selectable by jumper
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	<ul style="list-style-type: none"> • 1 x 4-pins power connector for system power • 1 x ATX-12V 4-pins connector for CPU power • Support both AT and ATX mode operation by jumper • Fail-Safe AC power resume wakeup function
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 1.0 Full-Size SBC
Motherboard Size	338mm X 122mm
Operation Temperature	0 °C to 60 °C
Storage Temperature	-40 °C to 80 °C
Relative Humidity	5%~95%(non-condensing)