



NAF93-Q77

1. Intel® Q77 Express Chipset
2. Supports Intel LGA 1155 Socket Core™ i3, i5, i7 & Pentium Processors
3. Support 4 * 240 pin 8GB 1333/1066 Dual CH DDR3 SDRAM DIMM Max. up to 32GB
4. Intel 82579LM & 82574L Gigabit LAN
5. Intel Active Management Technology (iAMT 8.0)
6. Support TPM 1.2 function
7. Support CPU Smart FAN
8. Supports ACPI S3 Function
9. Support Watch dog Technology
10. ATX form factor (305mm x 244mm)

Board Specifications

■ CPU	■ INTEL® LGA 1155 Socket Core i7/i5/i3/Pentium Processor
■ Chipset	■ INTEL® Q77 Chipset
■ Memory	■ 4 * 240 pin 8GB 1333/1066 Dual CH DDR3 SDRAM DIMM Max. up to 32GB
■ Expansion Slots	■ 1 * PCIe x 16, 4 * PCI, 1 * PCIe x 1, 1 * PCIe x 4 ■ 1 * half size MINI PCI-E & 1 * full size MINI PCI-E (Selectable with mSATA) socket
■ Storage	■ 2 * Serial ATAIII 6Gb/s & 4 * Serial ATAII 3Gb/s connectors support RAID 0, 1, 5, 10 ■ 1 * mSATA socket (Selectable with full size MINI PCI-E and share with SATA6)
■ Audio	■ Realtek ALC662 6-Channel HD Audio CODEC
■ Ethernet LAN	■ Intel 82579LM & 82574L PCI-E Gigabit Ethernet LAN
■ USB	■ Embedded 4 * USB 3.0 + 8 * USB 2.0/1.1
■ Special Features	■ Support ACPI S3 ■ Support CPU Smart FAN ■ Support Watch Dog
■ Rear Panel I / O	■ 2 * USB 3.0 ports & 4 * USB 2.0/1.1 ports ■ 2 * COM ports ■ 1 * DVI-D port ■ 2 * RJ-45 ports ■ 1 * VGA port ■ 3 * Audio Phone Jack ■ 1 * HDMI port
■ Internal I / O	■ 1 * USB 3.0 header for 2 USB 3.0 ports & 2 * USB 2.0/1.1 headers for 4 USB 2.0 ports ■ CPU /NB / Chassis Fan connectors ■ 1 * KB/MS headers ■ 1 * AUDIO header ■ 8 * COM header (COM4 for RS232/422/485) ■ 1 * Parallel header ■ 1 * CIR header ■ 1 * Chassis Intrusion header ■ 1 * GPIO header ■ 1 * TPM 1.2 header ■ 1 * 24-pin & 8-pin 12V ATX Power connector
■ BIOS	■ AMI EFI 64MB SMT Flash ROM
■ Form Factor	■ ATX form factor (305mm x 244mm)
■ Functional	■ ATM, Automation, Medical Equipment, Security, General Application, Gaming Machine, Transportation
■ Certificate	■ CE, FCC, RoHS
■ Temperature	■ Operating within 0~60 centigrade ■ Storage within -20-85 centigrade