

2014

ATX

Industrial Motherboard

NAF93-B75

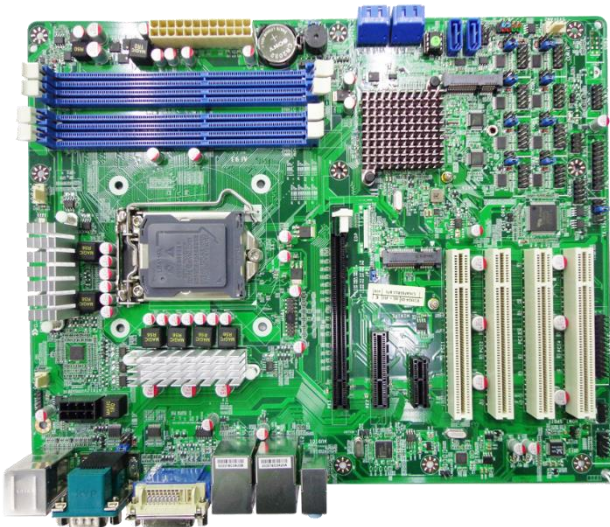
Intel® B75 (Panther Point) Platform for Ivy Bridge



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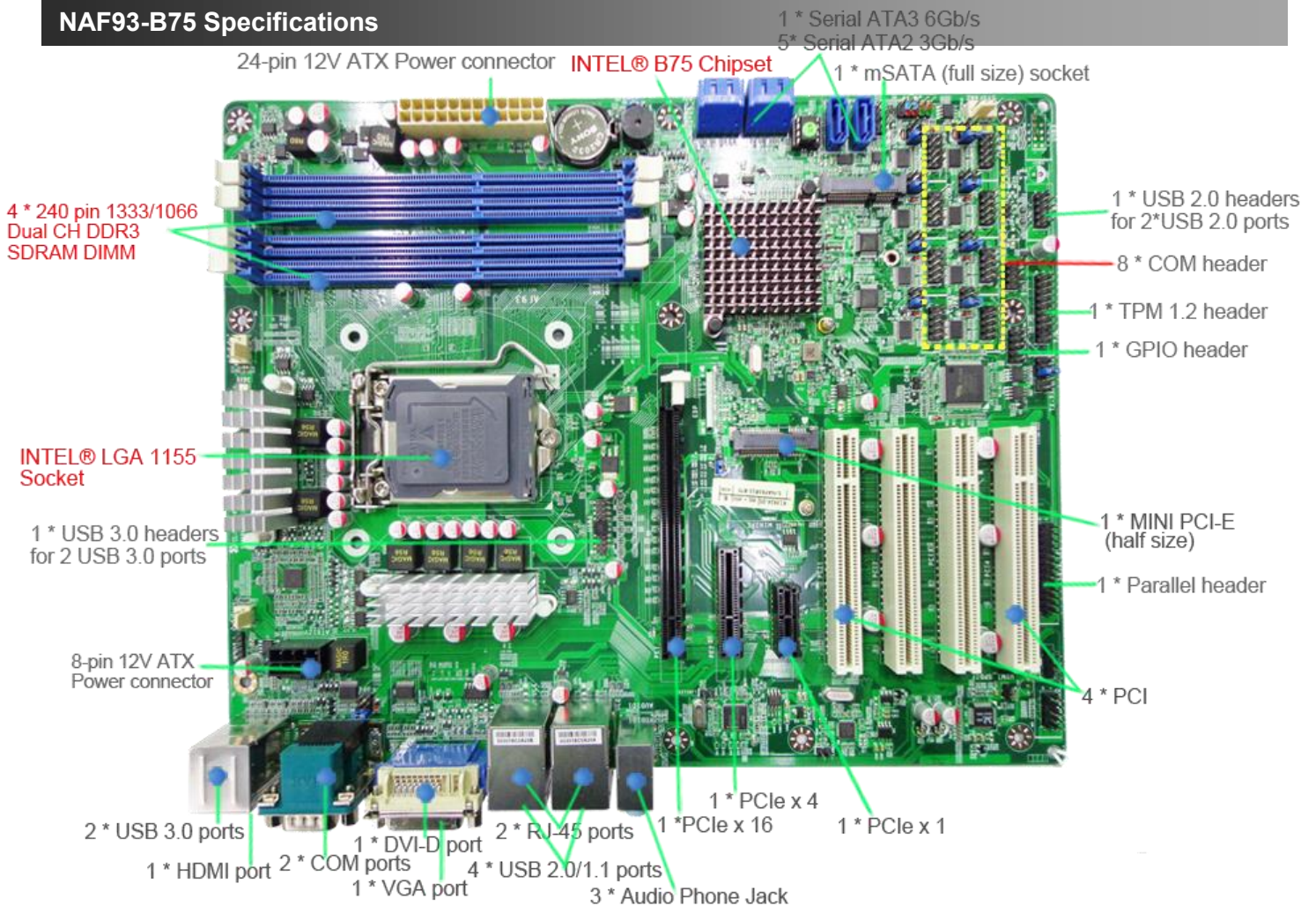


NAF93-B75 ATX Industrial Motherboard



1. Intel® B75 Express Chipset
2. Socket LGA 1155 for 3rd generation Intel Core i3, i5, i7 Processors
3. Dual Channel DDR3-1600 up to 32GB total
4. Dual Intel Gigabit LAN, HD Audio
5. 1 * SATA2 6Gb/s, 5 * SATA2 3Gb/s ports
6. 1 * Full-size mSATA Slot for Embedded SSD
7. 1 * PCI-E 3.0 x16, 1 * PCI-E x4, 1 * PCI-E x1, 4 * PCI
8. 1 * PCI Express Mini Card Slot (half-size)
9. 10 * Serial Ports, TPM 1.2 Header
10. All Solid Polymer Capacitors for Improved Reliability
11. ATX Form Factor

NAF93-B75 Specifications



Model No:	NAF93
Part No:	JNAF93-B75
Processor	Socket LGA 1155 for 3 rd generation Intel Core i3, i5, i7 & Pentium processors (Ivy Bridge & Sandy Bridge processors)
Chipset	Intel B75 Express chipset
Video	Intel HD graphics
Memory	4 * 240-pin DIMM Sockets for un-buffered dual channel DDR3-1333/1600 up to 32GB total
Storage	1 * SATA3 6Gb/s ports, 5 * SATA2 3Gb/s ports 1 * Full-size mSATA slot for embedded SSD
Expansion Slots	1 * PCI Express 3.0 x16, 1 * PCI Express x4, 1 * PCI Express x1, 4 * PCI 1 * Half-size PCI Express mini card slot
LAN	1 * Intel 82579LM PCI-E gigabit LAN 1 * Intel 82574L PCI-E gigabit LAN
Audio	Realtek ALC662 6-CH HD Audio
Watchdog	Watchdog system reset timer, 10-255 sec/min
Rear I/O Ports	4 * USB 2.0 ports, 2 * USB 3.0 ports 2 * RJ-45 port 1 * HDMI port, 1 * DVI-D port, 1 * VGA port 2 * Serial ports (RS232) 3 * Audio jacks (line-in, line-out, mic)
Internal I/O Ports	1 * USB header for 2 * USB 2.0 ports 1 * USB header for 2 * USB 3.0 ports 1 * CIR header, 1 * 8-bit GPIO, 1 * PS2 KB/MS header 8 * Serial headers (7 * RS232, 1 * RS232/422/485), SMBUS header 1 * Chassis intrusion header, 1 * TPM 1.2 header, 1 * Parallel header 1 * 24-pin ATX & 8-pin 12V power connector
BIOS	AMI UEFI 64MB DIP Flash ROM
Compliance	CE, FCC, RoHS, ErP/EuP
Temperature	Operating: 0 – 60° C, Storage: -20 – 85° C
Form Factor	ATX, 305mm x 244mm
Warranty	2 Years limited warranty

Specifications subject to change without notice, not responsible for typographical errors.

See Intel website for detailed processor specifications

When using Sandy Bridge CPU the PCI Express slot operates at PCIe 2.0 x16 speed.



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