

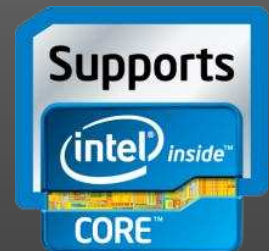
2014

# ATX

## Industrial Motherboard

### NAF93-B75

Intel® B75 (Panther Point) Platform for Ivy Bridge



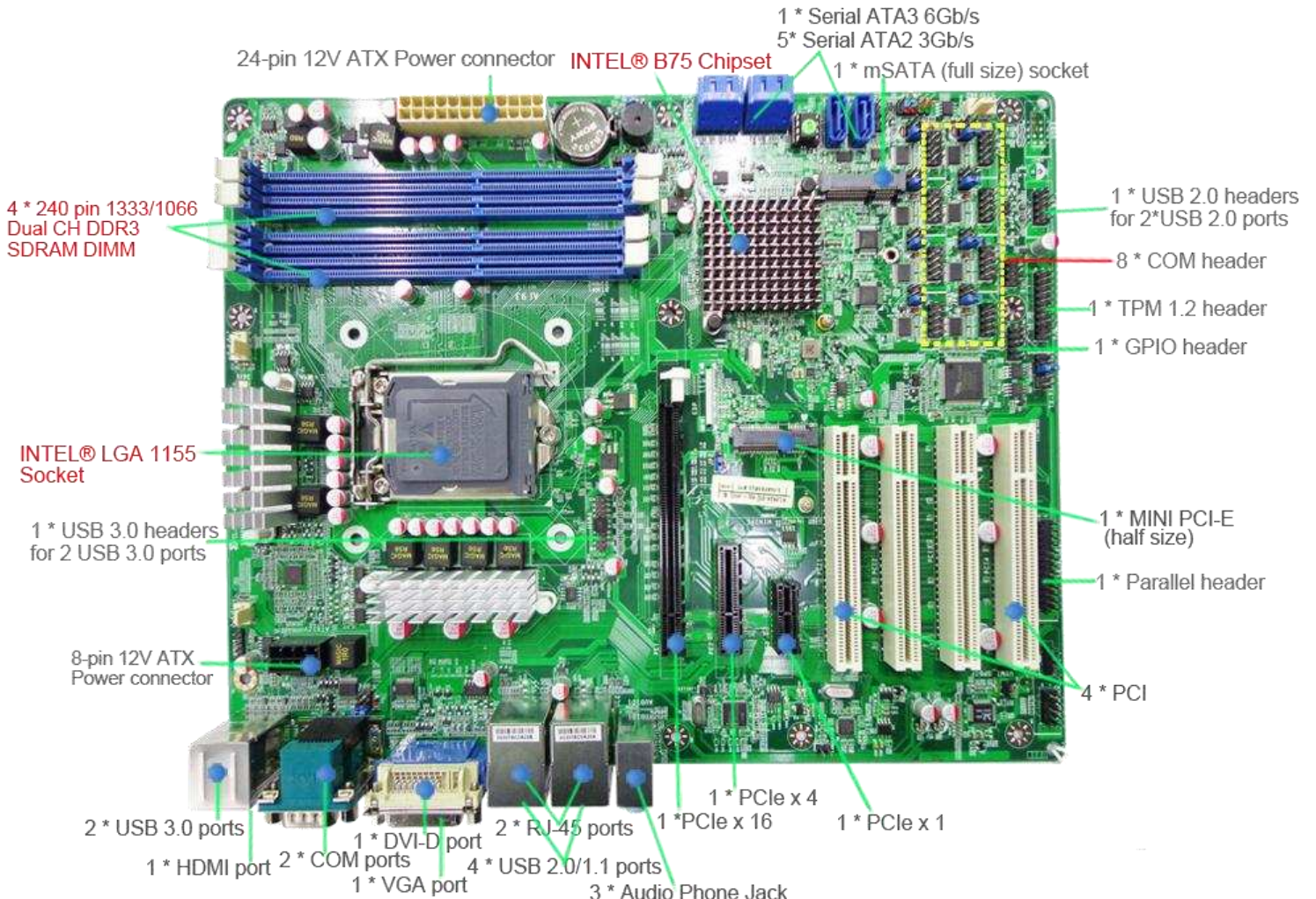
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# NAF93-B75 ATX Industrial Motherboard



1. Industrial Embedded Platform with Planned Lifecycle Through Q2'2017
2. Intel® B75 Express Chipset
3. Socket LGA 1155 for 3rd generation Intel Core i3, i5, i7 Processors
4. Dual Channel DDR3-1600 up to 32GB total
5. Dual Intel Gigabit LAN, HD Audio
6. 1 \* SATA2 6Gb/s, 5 \* SATA2 3Gb/s ports
7. 1 \* Full-size mSATA Slot for Embedded SSD
8. 1 \* PCI-E 3.0 x16, 1 \* PCI-E x4, 1 \* PCI-E x1, 4 \* PCI
9. 1 \* PCI Express Mini Card Slot (half-size)
10. 10 \* Serial Ports, TPM 1.2 Header
11. All Solid Polymer Capacitors for Improved Reliability
12. ATX Form Factor



## NAF93-B75 Specifications

<b>Model No:</b>	<b>NAF93</b>
<b>Part No:</b>	<b>JNAF93-B75</b>
<b>Processor</b>	Socket LGA 1155 for 3 <sup>rd</sup> generation Intel Core i3, i5, i7 & Pentium processors (Ivy Bridge & Sandy Bridge processors)
<b>Chipset</b>	Intel B75 Express chipset
<b>Video</b>	Intel HD graphics
<b>Memory</b>	4 * 240-pin DIMM Sockets for un-buffered dual channel DDR3-1333/1600 up to 32GB total
<b>Storage</b>	1 * SATA3 6Gb/s ports, 5 * SATA2 3Gb/s ports 1 * Full-size mSATA slot for embedded SSD
<b>Expansion Slots</b>	1 * PCI Express 3.0 x16, 1 * PCI Express x4, 1 * PCI Express x1, 4 * PCI 1 * Half-size PCI Express mini card slot
<b>LAN</b>	1 * Intel 82579LM PCI-E gigabit LAN 1 * Intel 82574L PCI-E gigabit LAN
<b>Audio</b>	Realtek ALC662 6-CH HD Audio
<b>Watchdog</b>	Watchdog system reset timer, 10-255 sec/min
<b>Rear I/O Ports</b>	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)
<b>Internal I/O Ports</b>	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
<b>BIOS</b>	AMI UEFI 64MB DIP Flash ROM
<b>Compliance</b>	CE, FCC, RoHS, ErP/EuP
<b>Temperature</b>	Operating: 0 – 60° C, Storage: -20 – 85° C
<b>Form Factor</b>	ATX, 305mm x 244mm
<b>Warranty</b>	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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