



NC91-230-LF (Intel Diamondville)

1. INTEL[®] 945GC + ICH7 Chipset
2. Support INTEL[®] ATOM N230 CPU (45-nanometer Hi-K process, FSB 533MHz, 1.6GHz, 512KB L2 cache)
3. Built-in INTEL[®] GMA 950 Graphics Core
4. Supports 10/100 LAN
5. Supports DDR2-533MHz
6. Integrated Serial ATA2 3Gb/s
7. Integrated ALC662 HD Audio CODEC with 6-CH
8. ITX Form Factor (17cm x 17cm)



Board Specifications

CPU	<ul style="list-style-type: none"> ■ INTEL[®] Atom N230 CPU
Chipset	<ul style="list-style-type: none"> ■ INTEL[®] 945GC + ICH7 Chipset ■ Built-in INTEL[®] GMA 950 Graphics Core (Share Memory Size:64/128/224MB) ■ Front Side Bus 533MHz
Memory	<ul style="list-style-type: none"> ■ 1 * 240-pin DIMM Slot ■ Supports DDR2 533MHz non-ECC un-buffered memory Max. 2GB
Expansion Slots	<ul style="list-style-type: none"> ■ 1 * PCI slot
Storage	<ul style="list-style-type: none"> ■ 2 * Serial ATA2 3Gb/s connectors ■ 1 * Floppy connector ■ 1 * Ultra DMA 100 / 66 IDE connector
Audio	<ul style="list-style-type: none"> ■ Realtek ALC662 HD Audio CODEC with 6-Channel
Ethernet LAN	<ul style="list-style-type: none"> ■ 1 * Realtek RTL8102E PCI-E 10/100 Ethernet LAN
USB	<ul style="list-style-type: none"> ■ Embedded 8 * USB 2.0/1.1
Special Features	<ul style="list-style-type: none"> ■ Intel Diamondville Platform
Rear Panel I / O	<ul style="list-style-type: none"> ■ 4 * USB 2.0/1.1 ports ■ 1 * PS/2 Mouse & 1 * Keyboard Combined connector ■ 1 * RJ-45 ports ■ 1 * Audio I/O ports (Line-in, Mic and Line-out) ■ 1 * VGA port ■ 1 * COM port ■ 1 * Parallel port for Printer
Internal I / O	<ul style="list-style-type: none"> ■ 2 * USB 2.0/1.1 headers for 4 USB 2.0 ports ■ 1 * COM header ■ NB / Chassis Fan connectors; ■ 1 * 20-pin ATX Power connector
BIOS	<ul style="list-style-type: none"> ■ Award 8MB SPI Flash ROM
Form Factor	<ul style="list-style-type: none"> ■ Mini ITX Form Factor(17cmx17cm)
Temperature	<ul style="list-style-type: none"> ■ Operating within 0~60 centigrade ■ Storage within -20-85 centigrade