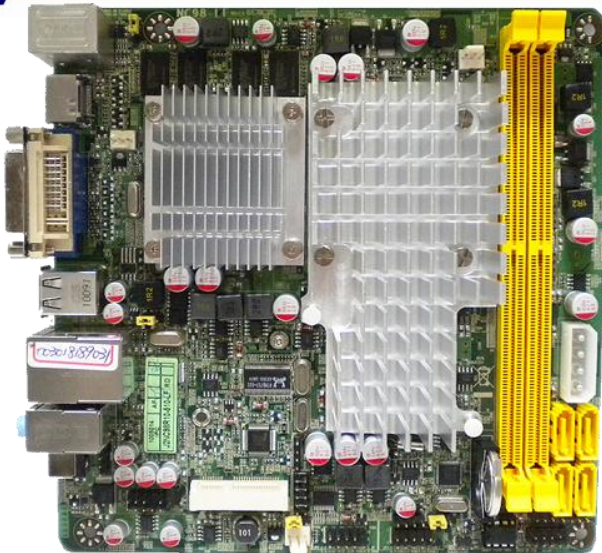


Mainboard Diagram

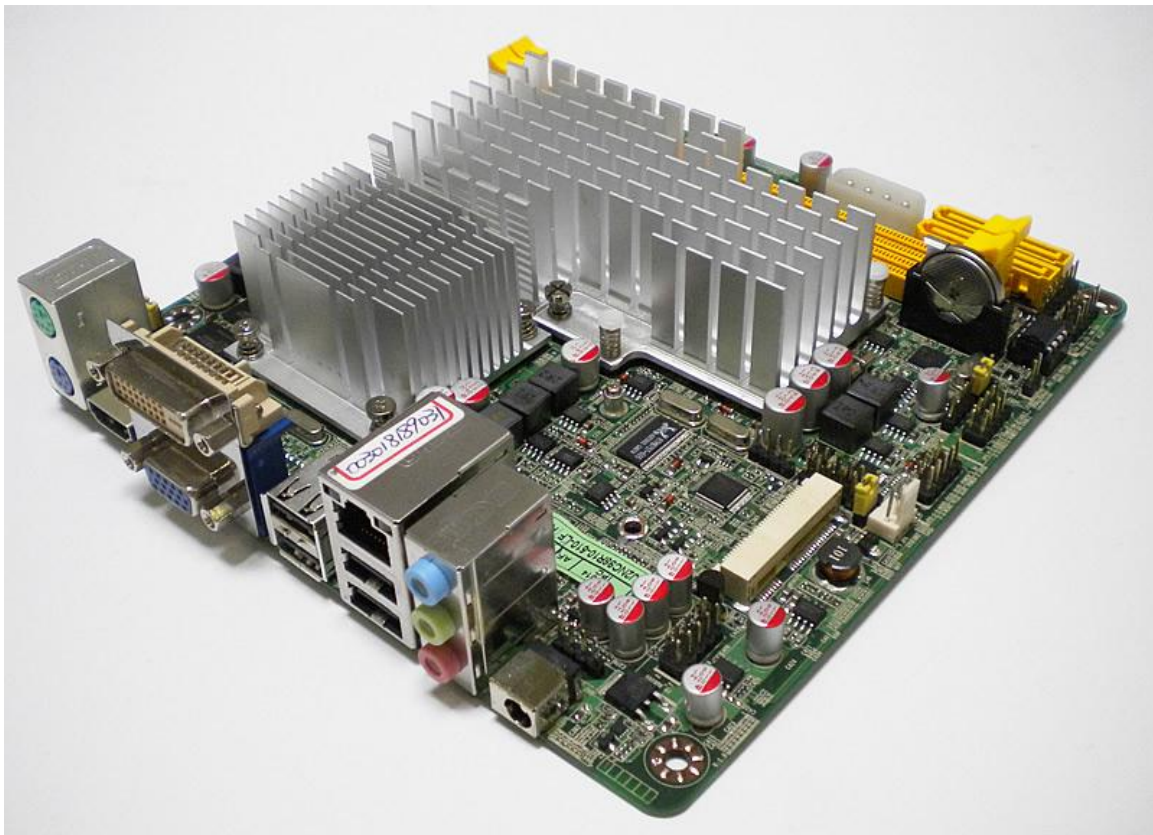


NC98-510-LF



**INTEL® Atom
Dual Core CPU**

1. INTEL® Atom Processor D510 + NM10 Express Chipset
2. Next-Generation NVIDIA ION Graphics with 512MB DDR3
3. HDMI, DVI, VGA Video Connections
4. Supports 1080p HD Video Playback
5. Support Single Channel DDR2- 800 / 667 up to 4GB
6. Supports 10 / 100 / 1000 LAN
7. Integrated ALC662 HD Audio CODEC with 6-CH
8. 4 SATA2 Ports (2 supporting RAID 0, 1)
9. Compliance with EuP standard
10. Support CPU Smart FAN
11. Support ACPI S3 Function
12. Built-in DC Power (AC adapter not included)
13. Mini-ITX Form Factor (170mm x 170mm)









Board Specifications

■ CPU	<ul style="list-style-type: none"> ■ INTEL[®] Atom Processor D510 (45nm, Dual-Core, 1.66GHz, 1MB L2 Cache) ■ Hyper-Threading Support
■ Chipset	<ul style="list-style-type: none"> ■ INTEL[®] NM10 Express Chipset
■ Memory	<ul style="list-style-type: none"> ■ 2 * 240-pin DIMM Sockets for un-buffered Single Channel DDR2-800/667 up to 4 GB
■ Graphics	<ul style="list-style-type: none"> ■ Next-Generation NVIDIA ION Graphics Processor
■ Storage	<ul style="list-style-type: none"> ■ NM10: 2 * SATA2 3Gb/s connectors. ■ JMicron: 2 * SATA2 for RAID 0, 1, JBOD (SATA #3 & #4)
■ Audio	<ul style="list-style-type: none"> ■ Realtek ALC662 6-Channel HD Audio CODEC
■ Ethernet LAN	<ul style="list-style-type: none"> ■ Realtek 8111DL 10/100/1000 LAN
■ USB	<ul style="list-style-type: none"> ■ Embedded 7 * USB 2.0/1.1
■ Special Features	<ul style="list-style-type: none"> ■ Intel Atom Processor D510 / D525 ■ Support DC FAN ■ Support CPU Smart Fan
■ Rear Panel I/O	<ul style="list-style-type: none"> ■ 4 * USB 2.0/1.1 ports ■ 1 * PS/2 KB/MS Connector ■ 1 * Audio I/O ports (Line-in, MIC and Line-out) & 1 * Optical Out ■ 1 * VGA port / 1 * DVI-D port / 1 * HDMI port ■ 1 * 12V DC in ■ 1 * Gigabit LAN
■ Internal I/O	<ul style="list-style-type: none"> ■ 2 * USB 2.0 headers for 3 * USB 2.0 ports ■ 3* FAN headers ■ 1 * CD IN / 1 * GPIO ■ 1 * AUDIO header ■ 1 * CIR header ■ 1 * COM header ■ 1 * MINI PCI-E connector
■ BIOS	<ul style="list-style-type: none"> ■ AMI Flash ROM Write protect
■ Functional	<ul style="list-style-type: none"> ■ HTPC, Media Center, Nettop, Digital Signage, Kiosk, Internet PC
■ Certificate	<ul style="list-style-type: none"> ■ CE, FCC, RoHS, EuP
■ Temperature	<ul style="list-style-type: none"> ■ Operating within 0~50 centigrade (Please use case fans for proper air-flow) ■ Storage within -20-85 centigrade
■ Form Factor	<ul style="list-style-type: none"> ■ Mini ITX Form Factor (17cmx17cm)

* For further information please visit our website at <http://www.jetwaycomputer.com>

* Not responsible for typographical errors, specification subject to change without notice

Product Accessories

 <p>Manual</p> <p>USER'S MANUAL</p>	 <p>CD</p>	 <p>SATA Cable</p> <p>x2</p>	 <p>Power Cable</p> <p>x1</p>	 <p>IO Shield</p>	 <p>COM Cable</p>
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