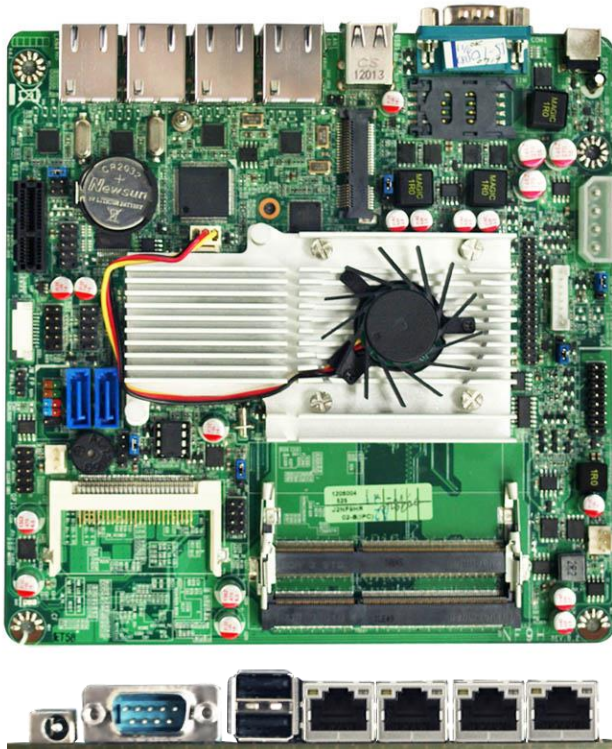


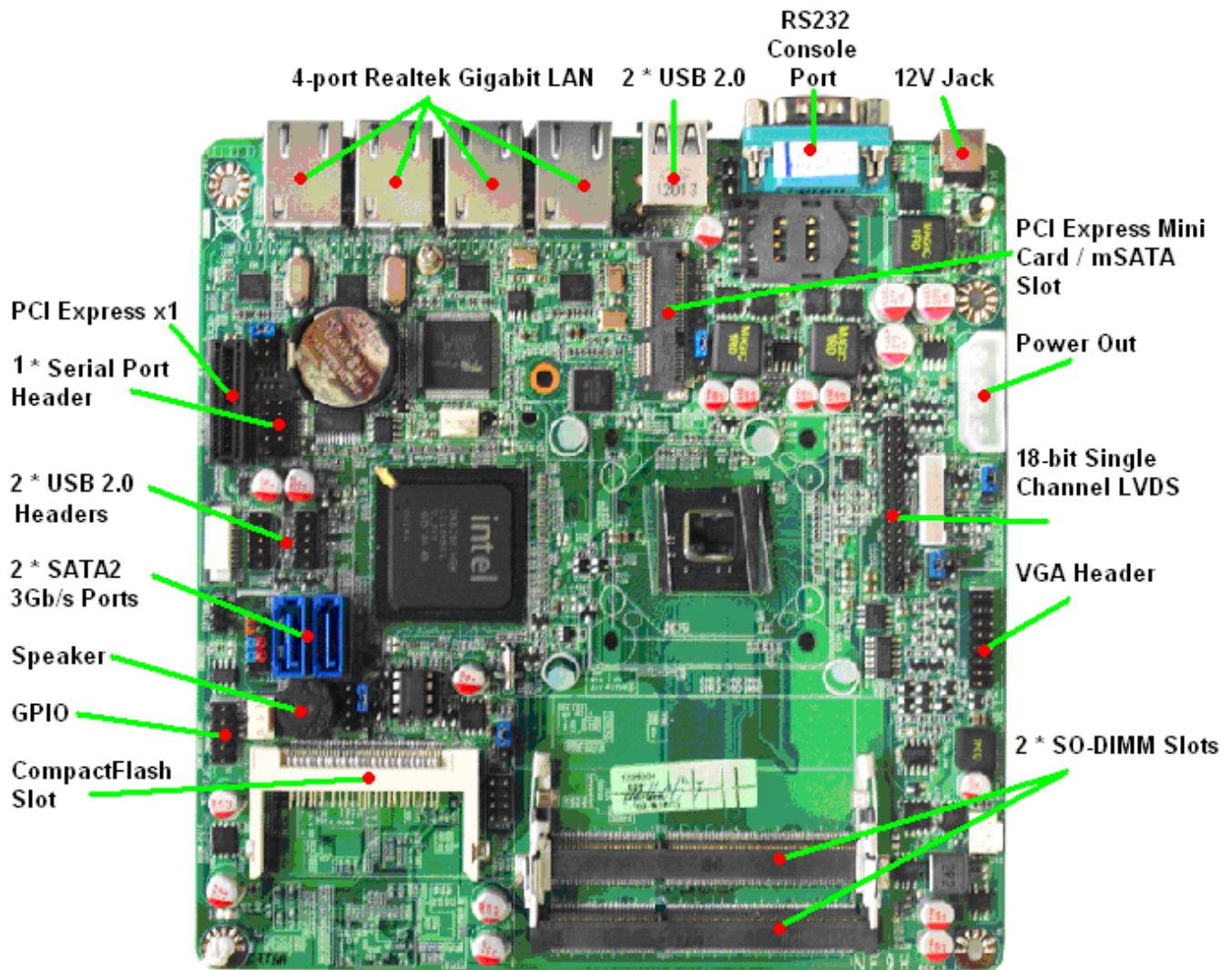
# NF9HQL-525

Intel Atom Mini-ITX Network Appliance  
4Gigabit LAN / CF / mSATA / 12V Power



## Features

1. Embedded Long-life Series
2. Designed for Custom Networking Solutions
3. Intel Atom D525 1.8GHz Dual-Core Processor, ICH8M Chipset
4. 4 \* Realtek PCI Express Gigabit Ethernet Controllers
5. CompactFlash Slot, 2 \* SATA2 3Gb/s Ports
6. PCI Express x1 Slot
7. mSATA / PCI Express Mini Card Shared Function Slot
8. Supports DDR3-800 SO-DIMM up to 4GB
9. Internal VGA Header and 18-bit Single Channel LVDS
10. Watchdog Timer, 8-bit GPIO, Console Port
11. Onboard 12V DC Power
12. Mini-ITX Form Factor (170mm x 170mm)




**JNF9HQL-525**

<b>Model No</b>	■ NF9H
<b>Part No</b>	■ JNF9HQL-525
<b>CPU</b>	■ Intel Atom D525 1.8GHz Dual-Core processor
<b>Chipset</b>	■ Intel ICH8M Chipset
<b>Video</b>	■ Integrated Intel GMA 3150 graphics
<b>Memory</b>	■ 2 * 204-pin DDR3-800 Single Channel SO-DIMM up to 4GB
<b>Expansion Slots</b>	■ 1 * PCI Express x1 ■ 1 * PCI Express Mini Card full-size (mSATA/mini-PCIE function selectable)
<b>Storage</b>	■ 2 * SATA2 3Gb/s ports, 1 * CompactFlash ■ 1 * mSATA slot (mSATA/mini-PCIE function selectable)
<b>Audio</b>	■ None
<b>Network</b>	■ 4 * Realtek RTL8111E Gigabit LAN
<b>LVDS</b>	■ 18-bit Single Channel LVDS
<b>USB</b>	■ 6 * USB 2.0 Total
<b>Other Features</b>	■ Support ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec
<b>Rear Panel I/O</b>	■ 4 * RJ-45 Ports, 2 * USB 2.0 Ports ■ 1 * Console Serial Port (RS232) ■ 12V DC Jack
<b>Internal I/O</b>	■ 2 * USB Headers for 4 * USB 2.0 Ports ■ 1 * Serial Header (RS232) ■ 1 * 8bit GPIO ■ 1 * VGA header, 18-bit Single Channel LVDS & Inverter ■ 4-pin Power out connector ■ SIM Card Socket (Factory Option with Minimum Order Requirement)
<b>BIOS</b>	■ AMI EFI 16MB DIP Flash ROM
<b>Box Contents</b>	■ NF9H Motherboard, SATA Cable, Power Cable, Manual, DVD Driver Disk, I/O Shield
<b>Compliance</b>	■ CE, FCC, RoHS, ErP
<b>Temperature</b>	■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
<b>Form Factor</b>	■ Mini-ITX Form Factor (170mm x 170mm)
<b>Warranty</b>	■ 2 Years Limited Warranty

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



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