

# NC9VL-H81

## Thin Mini-ITX Industrial Motherboard LGA1150 4th Gen Intel Core / DVI-I / HDMI / USB 3.0 / 19V

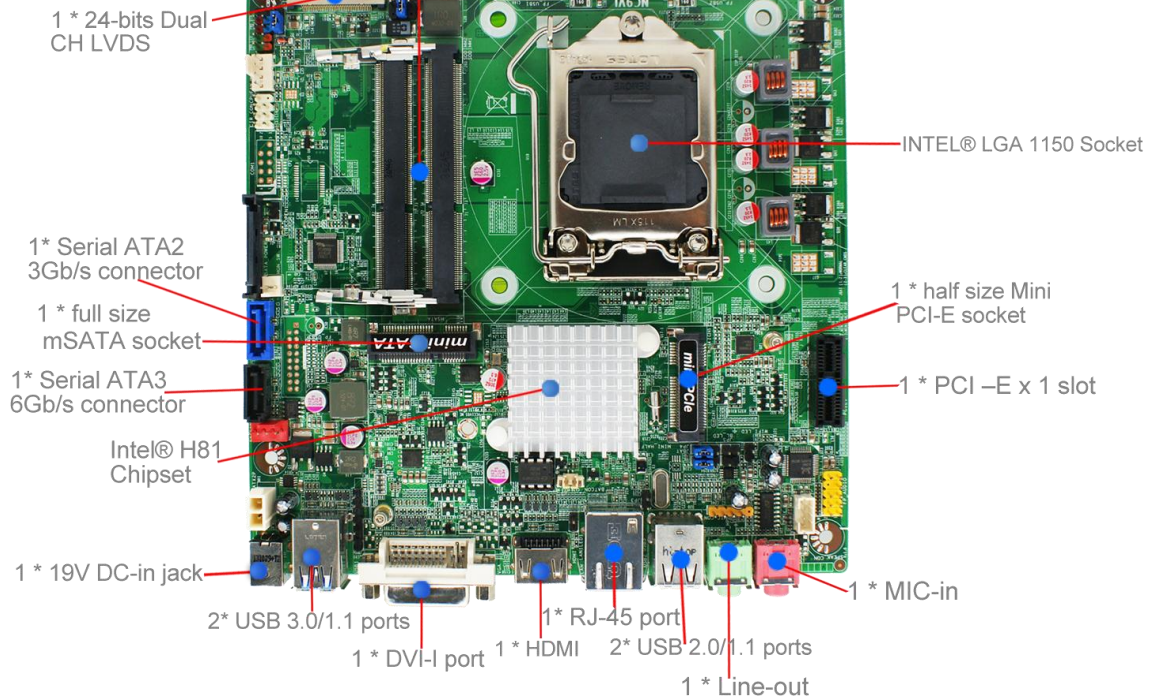


### Features

1. Commercial Class Industrial Motherboard with Planned Lifecycle Through Q3'2015
2. Socket LGA1150 Supporting 4th Generation Intel Core i3, i5, i7 Processors (Haswell), Intel H81 Express Chipset
3. Intel HD Graphics, DirectX 11.1
4. Supports up to 2 Displays, DVI, HDMI, 24bit LVDS
5. Supports DDR3-1600 SODIMM up to 16GB Total
6. 1 \* SATA3 6Gb/s Port, 1 \* SATA2 3Gb/s Port
7. Intel Gigabit LAN, HD Audio
8. 1 \* Full-size mSATA Slot
9. 1 \* Half-size Mini-PCI Express Slot, 1 \* PCI Express x1 Slot
10. 2 \* USB 3.0 Ports, 6 \* USB 2.0 Ports, Watchdog Timer
11. Onboard +19V DC Power or Internal 2-pin +19V Connector
12. Compatible with Win XP, Win 7, Win 8, Linux
13. Thin Mini-ITX Form Factor (170mm x 170mm)

2 \* SO-DIMM Sockets Dual Channel  
DDR3 1600/1333 SDRAM up to 16 GB

2 \* USB 2.0/1.1 headers for 4 USB 2.0 ports (H81)



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<b>Model / Series</b>	■ NC9VL
<b>Part No</b>	■ JNC9VL-H81
<b>Processor</b>	■ Socket LGA1150, Supports 4th Generation Intel Core i3, i5, i7 processors (Haswell)
<b>Chipset</b>	■ Intel H81 Express chipset
<b>Video</b>	■ Intel HD Graphics in processor, DirectX 11.1, OpenGL 4.0
<b>Memory</b>	■ 2 * 204-pin SO-DIMM slots supporting dual channel DDR3-1600/1333 up to 16GB total
<b>Expansion Slots</b>	■ 1 * PCI Express x1 slot ■ 1 * Half-size mini-PCI Express card slot
<b>Storage</b>	■ 1 * SATA3 6Gb/s port, 1 * SATA2 3Gb/s port ■ 1 * Full-size mSATA slot
<b>Audio</b>	■ Realtek ALC662 5.1 Channel HD Audio with Optical S/PDIF support, 3W amplifier
<b>Network</b>	■ 1 * Intel I217LM Gigabit LAN
<b>Other Features</b>	■ Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec
<b>Rear Panel I/O</b>	■ 2 * USB 3.0 Ports, 2 * USB 2.0 Ports ■ 1 * RJ-45 Ports ■ 1 * DVI-I, 1 * HDMI ■ 2 * Audio Jacks (Line Out, Mic In) ■ +19V DC-In jack
<b>Internal I/O</b>	■ 2 * USB Headers for 4 * USB 2.0 Ports ■ 1 * PS/2 Mouse/Keyboard header, Chassis intrusion header ■ 1 * 24-bit dual channel LVDS & Inverter, 4-pin L&R speaker connector ■ CIR Header, FPD brightness connector, WIFI LED header, Bluetooth LED header ■ 2-pin +19V alternate power connector
<b>BIOS</b>	■ AMI UEFI 64MB DIP Flash ROM
<b>Box Contents</b>	■ NC9VL Board, SATA Cable, Manual, DVD Driver Disk, Thin Mini-ITX I/O Shield, Standard Height I/O Shield
<b>Certification</b>	■ CE, FCC, RoHS, ErP
<b>Temperature</b>	■ Operating Temperature 0~40 ° C, Storage Temperature -20-85 ° C
<b>Form Factor</b>	■ Thin 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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