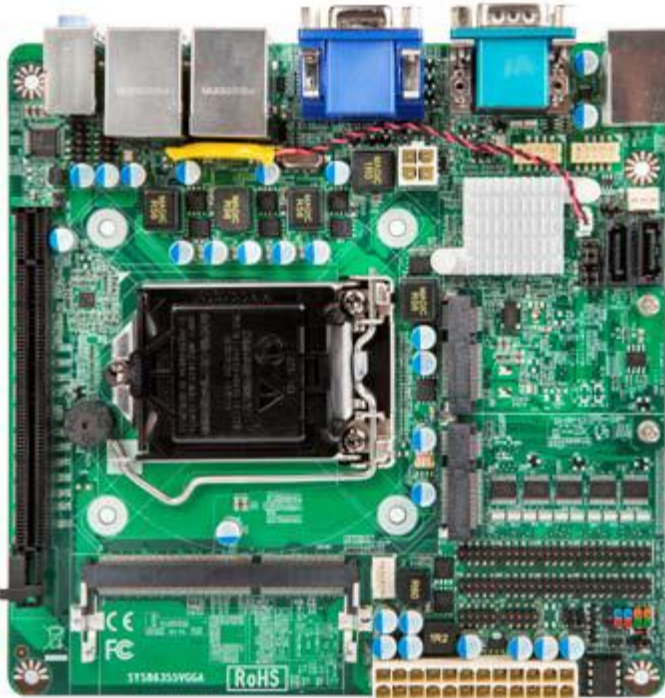
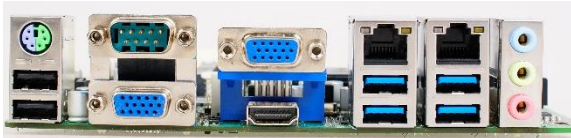
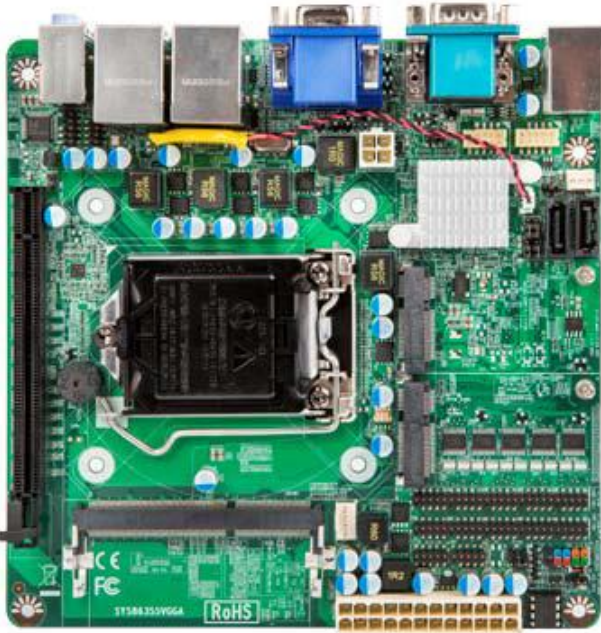


NFS5Z-IH81

Haswell Mini-ITX Motherboard
LGA1150 / 12 COM / 2 Full-size Mini-PCIE



Features

1. Industrial Motherboard, All Solid Capacitors, Enhanced 10KV ESD Protection
2. Supports Intel Core i7, i5, i3 LGA1150 Haswell Processors
3. Supports DDR3/DDR3L-1600 SO-DIMM up to 8GB Total
4. Supports up to 2 Displays, HDMI, 2 * VGA Ports
5. 2 * SATA3 6Gb/s Ports
6. 1 * Full-size mSATA/mini-PCIE Slot
7. 1 * Full-size mini-PCIE Slot
8. 1 * PCI Express 3.0 x16
9. 2 * Gigabit LAN, HD Audio
10. 12 * Serial Ports (1-EXT, 11-INT)
11. 4 * USB 3.0 Ports, 6 * USB 2.0 Ports
12. PS/2 Combo Port, 8-bit GPIO, Watchdog Timer
13. 24-pin and 4-pin ATX Power Connectors
14. Supports Windows 7, 8.1, 10, Linux
15. Mini-ITX Form Factor (170mm x 170mm)

Model / Series	■ NFS5Z
Part No	■ JNFS5Z-IH81
Processor	■ Supports 4th Generation Intel Core i7, i5, i3 Processors, LGA1150 Socket, Haswell
Chipset	■ H81 Express
Video	■ Intel HD Graphics in processor
Memory	■ 1 * 204-pin SO-DIMM slot supporting DDR3/DDR3L-1600 up to 8GB total
Expansion Slots	■ 1 * PCI Express 3.0 x16 Slot, 1 * Mini-PCI Express slot (full-size)
Storage	■ 2 * SATA3 6Gb/s ports, 1 * mSATA/Mini-PCIE Shared slot (Full-size)
Audio	■ Realtek ALC662 HD Audio
Network	■ 2 * Realtek RTL8111G Gigabit LAN
Other Features	■ Enhanced 10KV ESD Protection, AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec
Rear Panel I/O	■ 4 * USB 3.0 Ports, 2 * USB 2.0 Ports, 2 * RJ-45 Ports, HDMI, 2 * VGA ■ Line-out, Line-in, Microphone, 1 * Serial port (RS232/422/485), 1 * PS/2 combo port
Internal I/O (all headers 2.0mm pitch)	■ 2 * USB Headers for 4 * USB 2.0 Ports (2.00mm pitch) ■ 8-bit GPIO, AT/ATX Power switch mode jumper, Chassis intrusion Header ■ 11 * Serial port headers (10*RS232, 1*RS232/422/485, 2.00mm pitch) ■ 24-pin ATX and 4-pi9n ATX_12V power connector
BIOS	■ AMI 32MB DIP Flash ROM
Box Contents	■ NFS5Z Motherboard, I/O Shield, DVD Driver Disk
Certification	■ CE, FCC, RoHS, ErP/EuP, REACH
Temperature	■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
Form Factor	■ Mini-ITX Form Factor (170mm x 170mm)
Warranty	■ 2 Years Limited Warranty

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



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