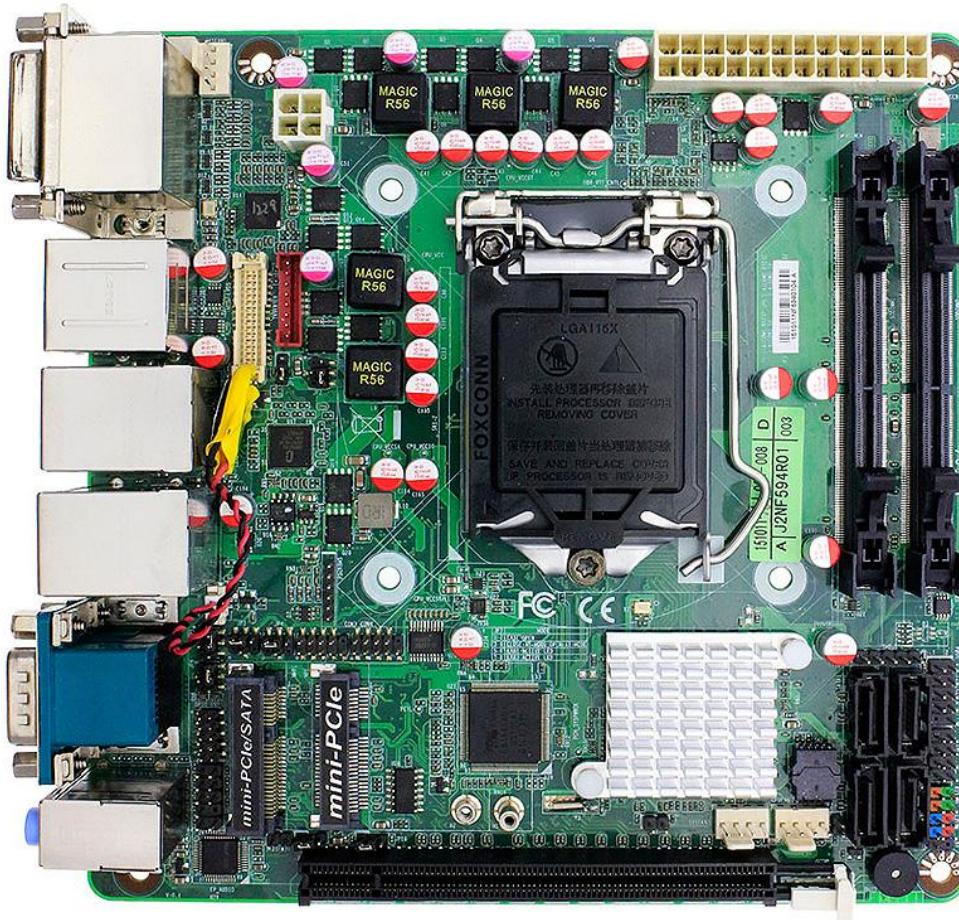
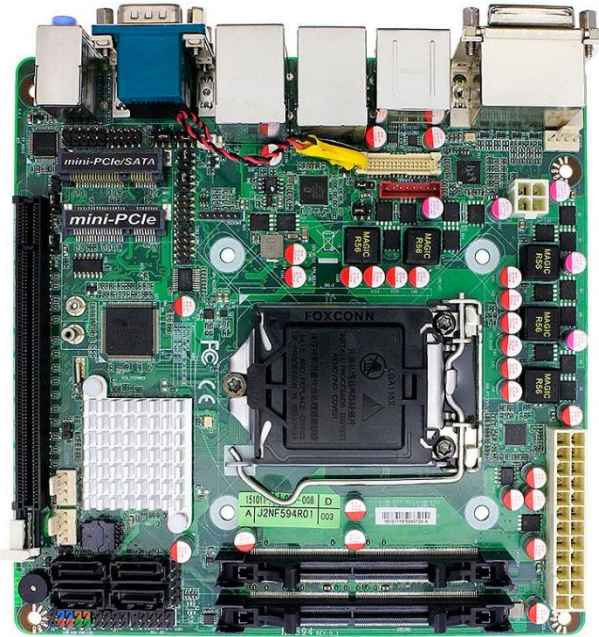


NF594

Mini-ITX Industrial Motherboard / DDR4 Skylake LGA1151 / 2 Intel LAN / SATA3 RAID

Features

1. Industrial Embedded Motherboard
2. Supports Intel 6th Gen Core i3, i5, i7 Processor, LGA1151, Skylake Platform, Intel Q170 Express Chipset
3. Supports DDR4-2133 SODIMM up to 32GB Total
4. 2 * Intel Gigabit LAN, 3 Displays DP, HDMI, DVI, LVDS
5. 4 * SATA3 6Gb/s Ports Supporting RAID 0, 1, 5, 10
6. 1 * mSATA/mini-PCIE, 1 * mini-PCIE Slot, HD Audio
7. 1 * PCI Express 3.0 x16, 6 * USB 3.0, 2 * USB 2.0
8. 4* Serial Ports, Watchdog Timer, AT/ATX Power Switch Mode
9. Intel TPM 2.0 Trusted Computing
10. 24-pin ATX + 4-pin ATX_12V Power Connector
11. Compatible with Windows 7, 8.1, 10, Linux
12. Mini-ITX Form Factor (170mm x 170mm)



Model / Series	■ NF594
Part No	■ JNF594-Q170, JNF594T2-Q170 (TPM 2.0)
Processor	■ Support 6th Gen Intel Core i3, i5, i7 Processors, LGA1151 Socket, Skylake
Chipset	■ Intel Q170 Express
Video	■ Intel HD Graphics in processor
Memory	■ 2 * 260-pin SO-DIMM slots supporting DDR4-2133 up to 32GB total
Expansion Slots	■ 1 * PCI Express 3.0 x16 slot (with x8x8 bifurcation support on NF594F model) ■ 1 * Full-size mSATA/Mini-PCIE shared slot, 1 * Half-size mini-PCIE slot
Storage	■ 4 * SATA3 6Gb/s ports supporting RAID 0, 1, 5, 10, JBOD
Audio	■ Realtek ALC662 HD audio
Network	■ 2 * Intel Gigabit LAN (1 * i211-AT, 1 * i219-LM supporting iAMT 11.0 & vPRO)
Other Features	■ Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec ■ Intel TPM 2.0 Trusted Computing
Rear Panel I/O	■ 6 * USB 3.0 ports ■ 2 * RJ-45 ports ■ 2 * Serial ports (1 * RS232, 1 * RS232/422/485) ■ DisplayPort, HDMI, DVI-D ■ 3 * Audio jacks
Internal I/O	■ 1 * USB headers for 2 * USB 2.0 ports ■ 24-bit dual channel LVDS< AT/ATX power switch mode ■ 2 * Serial headers (1 * RS232, 1 * RS232/422/485) ■ Chassis Intrusion header, PS/2 KB/MS header, SMBUS header, 8bit GPIO ■ 24-pin ATX + 4-pin ATX_12V power connectors
BIOS	■ AMI 128MB Flash ROM
Box Contents	■ NF594 Motherboard, I/O Shield
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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