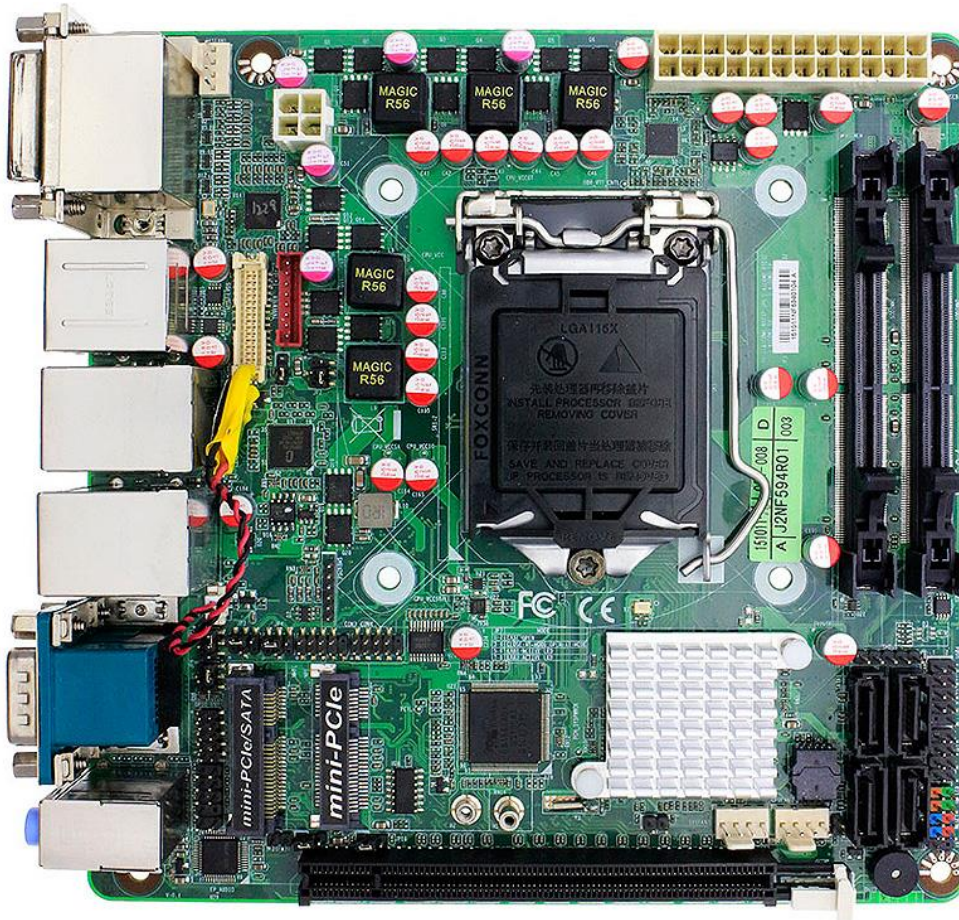
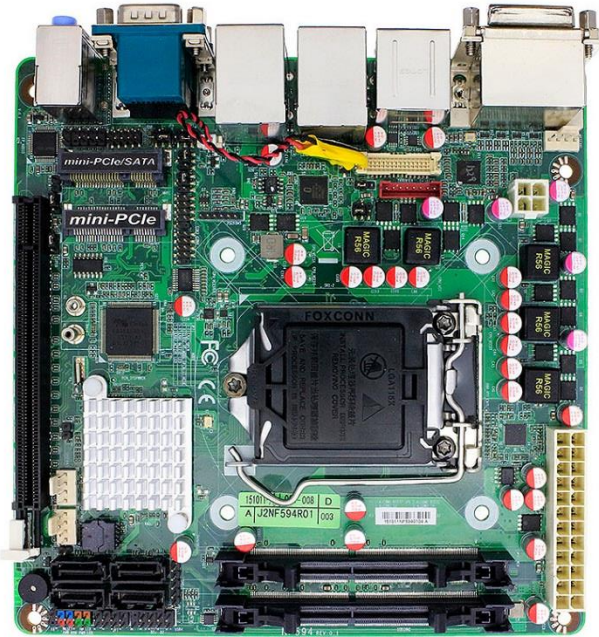


NF594

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

Features

1. Industrial Embedded Motherboard with Planned Lifecycle Through Q3'2030
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



Model / Series	<ul style="list-style-type: none"> NF594
Part No	<ul style="list-style-type: none"> JNF594-Q170, JNF594T2-Q170 (TPM 2.0) JNF594F-Q170 (x8x8 bifurcation), JNF594F2-Q170 (x8x8 bifurcation , TPM 2.0)
Processor	<ul style="list-style-type: none"> Support 6th Gen Intel Core i3, i5, i7 Processors, LGA1151 Socket, Skylake
Chipset	<ul style="list-style-type: none"> Intel Q170 Express
Video	<ul style="list-style-type: none"> Intel HD Graphics in processor
Memory	<ul style="list-style-type: none"> 2 * 260-pin SO-DIMM slots supporting DDR4-2133 up to 32GB total
Expansion Slots	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 4 * SATA3 6Gb/s ports supporting RAID 0, 1, 5, 10, JBOD
Audio	<ul style="list-style-type: none"> Realtek ALC662 HD audio
Network	<ul style="list-style-type: none"> 2 * Intel Gigabit LAN (1 * i211-AT, 1 * i219-LM supporting iAMT 11.0 & vPRO)
Other Features	<ul style="list-style-type: none"> Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec Intel TPM 2.0 Trusted Computing
Rear Panel I/O	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> AMI 128MB Flash ROM
Box Contents	<ul style="list-style-type: none"> NF594 Motherboard, SATA Cable, Serial Cable, Manual, DVD Driver Disk, I/O Shield
Certification	<ul style="list-style-type: none"> CE, FCC, RoHS, ErP/EuP, REACH
Temperature	<ul style="list-style-type: none"> Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
Form Factor	<ul style="list-style-type: none"> Mini-ITX Form Factor (170mm x 170mm)
Warranty	<ul style="list-style-type: none"> 2 Years Limited Warranty

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



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