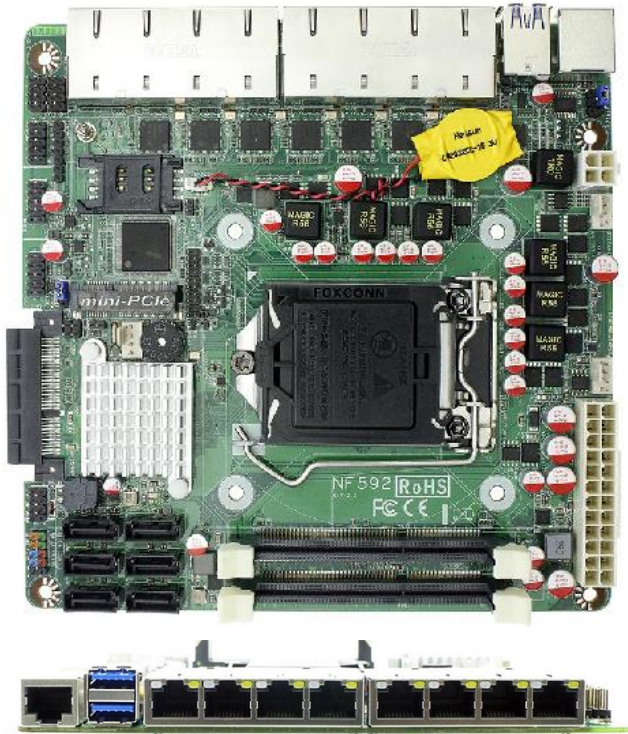


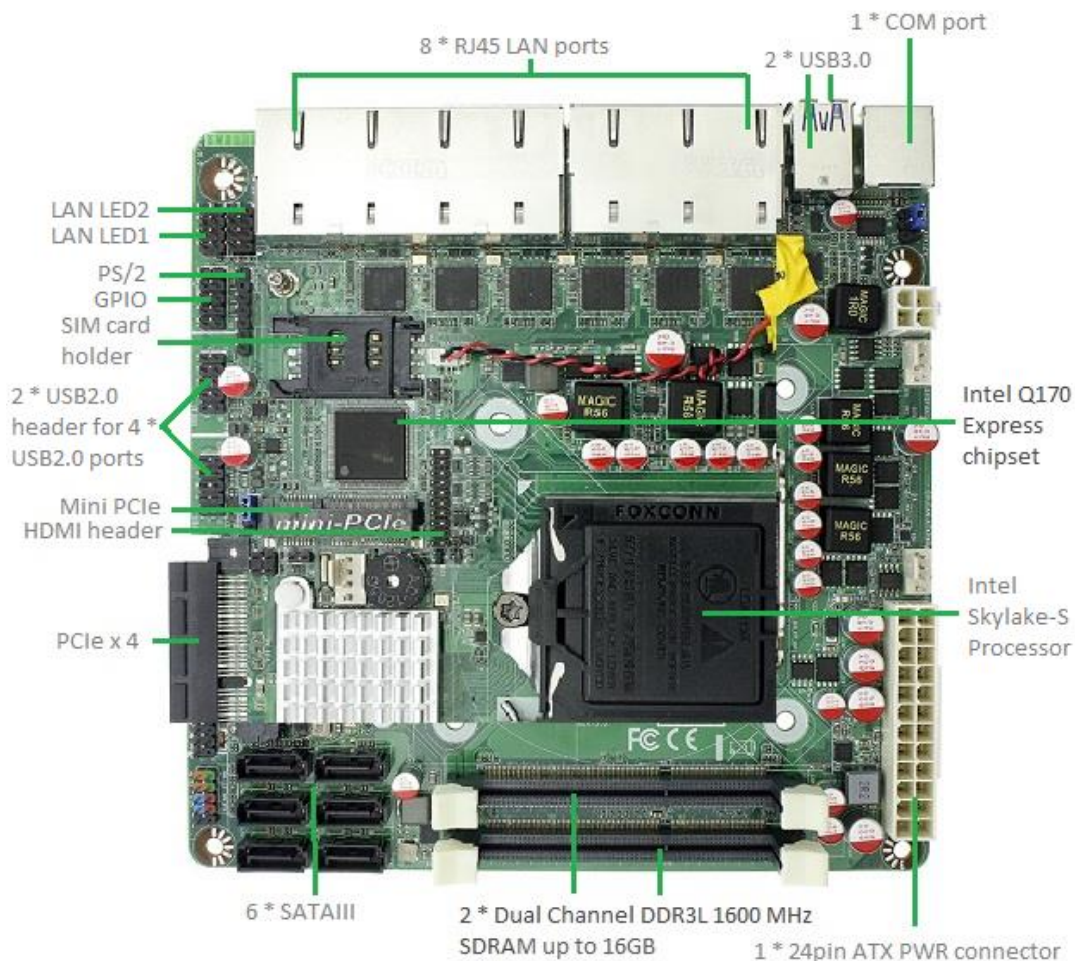
# NF592

## Thin Mini-ITX Industrial Networking Motherboard Skylake LGA1151 / 8 Intel LAN / SATA3 RAID



### Features

1. Industrial Embedded Networking Motherboard with Planned Lifecycle Through Q3'2022
2. Supports Intel 6th Gen Core i3, i5, i7 Processor, LGA1151, Skylake, Intel Q170 Express Chipset
3. Supports DDR3L-1600 1.35V SODIMM up to 16GB Total
4. 8 \* Intel Gigabit LAN (7 \* i211-AT, 1 \* i219-LM (iAMT 11.0))
5. 6 \* SATA3 6Gb/s Ports Supporting RAID 0, 1, 5, 10
6. 1 \* PCI Express 2.0 x4 Side-port, 4 \* USB 3.0, 4 \* USB 2.0
7. 1 \* Full-size mini-PCIE Slot, SIM Card Socket
8. HDMI Header (cable incl), Intel TPM 2.0 Trusted Computing
9. 1\* RS232 Port, Watchdog Timer, AT/ATX Power Switch Mode
10. 24-pin ATX + 4-pin ATX\_12V Power Connector
11. Compatible with Windows 7, 8.1, 10, Linux
12. Thin Mini-ITX Form Factor (170mm x 170mm)



<b>Model / Series</b>	<ul style="list-style-type: none"> <li>NF592</li> </ul>
<b>Part No</b>	<ul style="list-style-type: none"> <li>JNF592-Q170</li> </ul>
<b>Processor</b>	<ul style="list-style-type: none"> <li>Support 6th Gen Intel Core i3, i5, i7 Processors, LGA1151 Socket, Skylake Platform</li> </ul>
<b>Chipset</b>	<ul style="list-style-type: none"> <li>Intel Q170 Express</li> </ul>
<b>Video</b>	<ul style="list-style-type: none"> <li>Intel HD Graphics in processor</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>2 * 204-pin SO-DIMM slots supporting DDR3L-1600 up to 16GB total, 1.35V required</li> </ul>
<b>Expansion Slots</b>	<ul style="list-style-type: none"> <li>1 * PCI Express 2.0 x4 side-port slot</li> <li>1 * Full-size Mini-PCI Express slot, SIM Card Socket</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>6 * SATA3 6Gb/s ports supporting RAID 0, 1, 5, 10, JBOD</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>None</li> </ul>
<b>Network</b>	<ul style="list-style-type: none"> <li>8 * Intel Gigabit LAN (7 * i211-AT, 1 * i219-LM supporting iAMT 11.0 &amp; vPRO)</li> </ul>
<b>Other Features</b>	<ul style="list-style-type: none"> <li>Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec</li> <li>Intel TPM 2.0 Trusted Computing</li> </ul>
<b>Rear Panel I/O</b>	<ul style="list-style-type: none"> <li>2 * USB 3.0 ports</li> <li>8 * RJ-45 LAN ports</li> <li>1 * Serial RJ45 port (RS232)</li> </ul>
<b>Internal I/O</b>	<ul style="list-style-type: none"> <li>2 * USB headers for 4 * USB 2.0 ports</li> <li>HDMI header</li> <li>AT/ATX power switch mode, SIM card socket</li> <li>Chassis Intrusion header, PS/2 KB/MS header</li> <li>24-pin ATX + 4-pin ATX_12V power connectors</li> </ul>
<b>BIOS</b>	<ul style="list-style-type: none"> <li>AMI 128MB Flash ROM</li> </ul>
<b>Box Contents</b>	<ul style="list-style-type: none"> <li>NF592 Motherboard, SATA Cable, HDMI Cable, Manual, DVD Driver Disk, Thin &amp; Standard I/O Shields</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>CE, FCC, RoHS, ErP/EuP, REACH</li> </ul>
<b>Temperature</b>	<ul style="list-style-type: none"> <li>Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C</li> </ul>
<b>Form Factor</b>	<ul style="list-style-type: none"> <li>Thin Mini-ITX Form Factor (170mm x 170mm)</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>2 Years Limited Warranty</li> </ul>

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



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