

# NF697

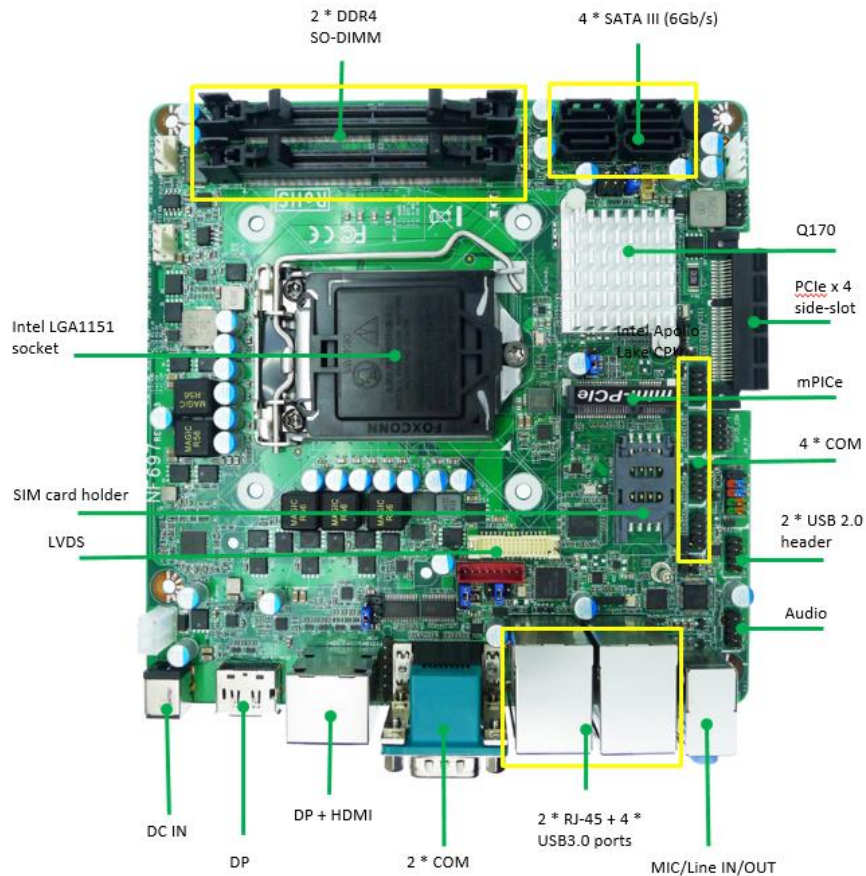
## Mini-ITX Industrial Motherboard / DDR4 LGA1151 / 2 Intel LAN / SATA3 RAID / 9-24V



### Features

1. Industrial Embedded Motherboard with Planned Lifecycle Through Q3'2030
2. Supports Intel 6th/7th Gen Core i3, i5, i7 Processors, LGA1151, Skylake/kaby Lake, Intel Q170 Express Chipset
3. Supports DDR4-2133 SODIMM up to 32GB Total
4. 2 \* Intel Gigabit LAN, 3 Displays 2 \* DP, HDMI, LVDS
5. 4 \* SATA3 6Gb/s Ports Supporting RAID 0, 1, 5, 10, JBOD
6. 1 \* Full-size mini-PCIe Slot, HD Audio
7. 1 \* Side-port PCI Express 3.0 x4, 4 \* USB 3.0, 2 \* USB 2.0
8. 6\* Serial Ports, Watchdog Timer, AT/ATX Power Switch Mode
9. TPM 1.2 (NF697T1) or TPM 2.0 (NF697T2)
10. 9-24V DC-in or 2-pin Internal Alternate Power Connector
11. Compatible with Windows 10, Linux\*

\*Kaby Lake CPU supports Windows 10 64 bit only



<b>Model / Series</b>	■ NF697
<b>Part No</b>	■ JNF697-Q170 (no TPM), JNF697T1-Q170 (TPM 1.2), JNF697T2-Q170 (TPM 2.0)
<b>Processor</b>	■ Support 6th/7th Gen Intel Core i3, i5, i7 Processors, LGA1151 Socket, Skylake/Kaby Lake
<b>Chipset</b>	■ Intel Q170 Express
<b>Video</b>	■ Intel HD Graphics in processor
<b>Memory</b>	■ 2 * 260-pin SO-DIMM slots supporting DDR4-2133 up to 32GB total
<b>Expansion Slots</b>	■ 1 * Side-port PCI Express 3.0 x4 slot (Compatible with Jetway ETC4G and ETC4B) ■ 1 * Full-size mini-PCI Express slot, 3G SIM Card Holder
<b>Storage</b>	■ 4 * SATA3 6Gb/s ports supporting RAID 0, 1, 5, 10, JBOD
<b>Audio</b>	■ Realtek ALC662 HD audio
<b>Network</b>	■ 2 * Intel Gigabit LAN (1 * i211-AT, 1 * i219-LM supporting iAMT 11.0 & vPRO)
<b>Other Features</b>	■ Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec
<b>Rear Panel I/O</b>	■ 4 * USB 3.0 ports ■ 2 * RJ-45 ports ■ 2 * Serial ports (2 * RS232/422/485) ■ 2 * DisplayPort 1.2 4K @60Hz, 1 * HDMI 1.4 4K @24Hz ■ 3 * Audio jacks ■ 9V - 24V DC-in jack (2.5mm ID/5.5mm OD)
<b>Internal I/O</b>	■ 1 * USB header for 2 * USB 2.0 ports (2.00mm pitch) ■ 24-bit dual channel LVDS (1080p @60Hz), AT/ATX power switch mode ■ 4 * Serial headers (2.00mm pitch, 4 * RS232) ■ Chassis Intrusion header, PS/2 KB/MS header, SMBUS header, 8bit GPIO ■ Internal 2-pin 9V - 24V alternate power connector
<b>BIOS</b>	■ AMI 128MB Flash ROM
<b>Box Contents</b>	■ NF697 Motherboard, SATA Cable, Serial Cable, Manual, DVD Driver Disk, I/O Shield
<b>Certification</b>	■ CE, FCC, RoHS, ErP/EuP, REACH
<b>Temperature</b>	■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
<b>Form Factor</b>	■ 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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