

NF697

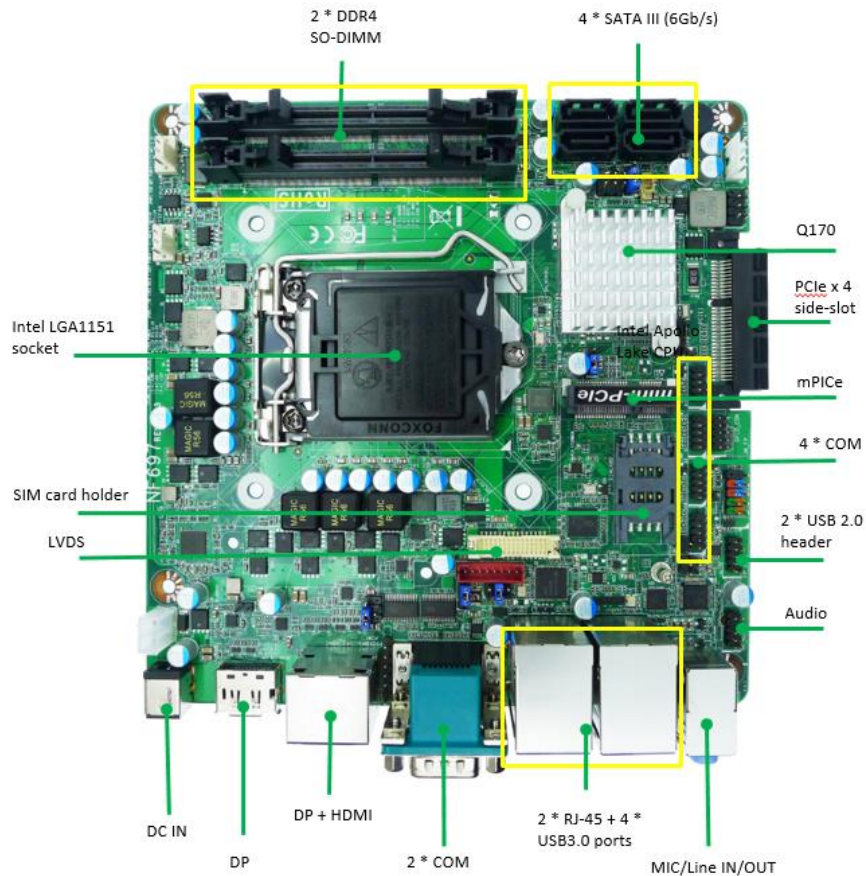
Mini-ITX Industrial Motherboard / DDR4 LGA1151 / 2 Intel LAN / SATA3 RAID / 9-24V



Features

1. Industrial Embedded Motherboard with Planned Lifecycle Through Q3'2022
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



Model / Series	■ NF697
Part No	■ JNF697-Q170 (no TPM), JNF697T1-Q170 (TPM 1.2), JNF697T2-Q170 (TPM 2.0)
Processor	■ Support 6th/7th Gen Intel Core i3, i5, i7 Processors, LGA1151 Socket, Skylake/Kaby Lake
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 * 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
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
Rear Panel I/O	■ 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)
Internal I/O	■ 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
BIOS	■ AMI 128MB Flash ROM
Box Contents	■ NF697 Motherboard, SATA Cable, Serial Cable, Manual, DVD Driver Disk, 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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