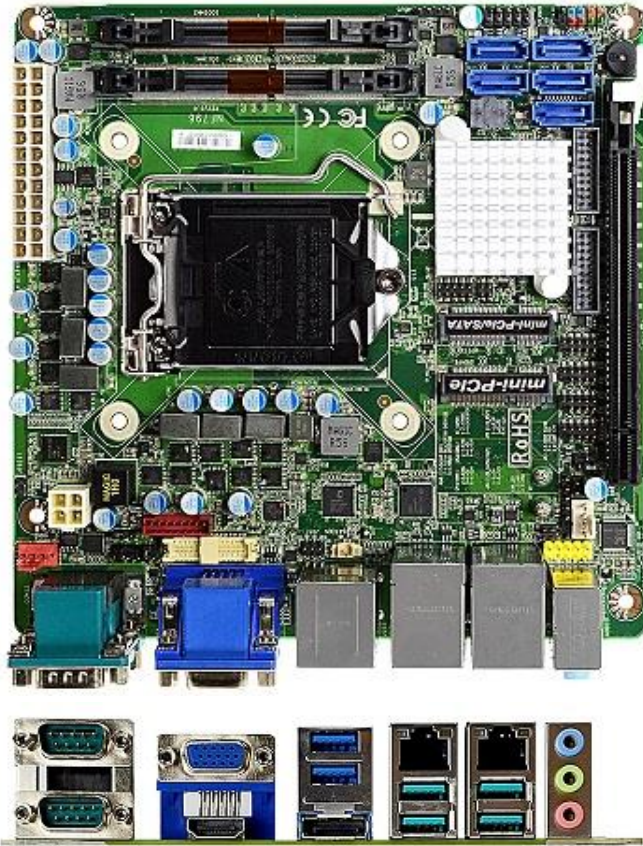


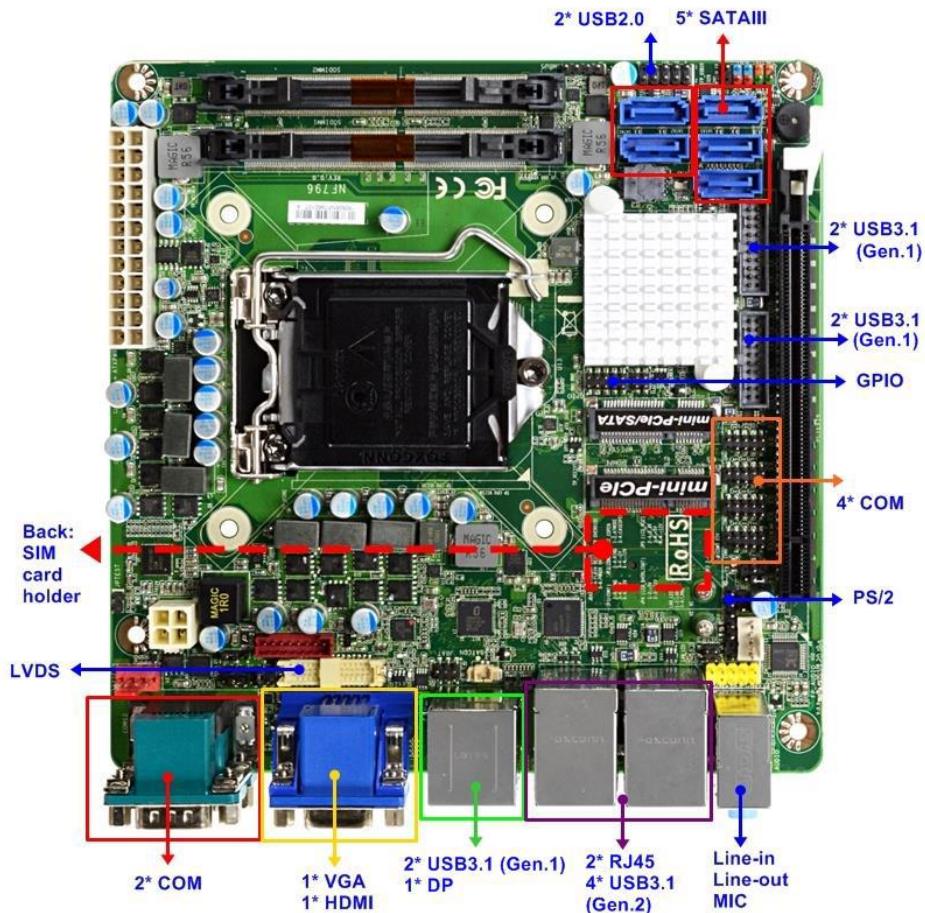
NF796

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



Features

1. Industrial Embedded Motherboard with Planned Lifecycle Through Q3'2033
2. Supports 8th/9th Gen Intel Core i3, i5, i7 Processors, LGA1151, Coffee Lake, Intel Q370 Express Chipset
3. Supports DDR4-2400 SODIMM up to 32GB Total
4. 2 * Intel Gigabit LAN, 3 Displays DP, HDMI, VGA, LVDS
5. 5 * SATA3 6Gb/s Ports Supporting RAID 0, 1, 5, 10, JBOD
6. 1 * Full-size mSATA/mini-PCIE Shared Slot, HD Audio
7. 1 * Half-size Mini-PCIE, PCIE x16 (supports x8/x8 bifurcation)
8. 4 * USB 3.1 Gen2, 6 * USB 3.1 Gen1, 2 * USB 2.0
9. 6* Serial Ports, Watchdog Timer, AT/ATX Power Switch Mode
10. 24+4-pin Power Connectors, GPIO, Chassis Intrusion
11. Compatible with Windows 10 64bit, Linux
12. Mini-ITX Form Factor (170mm x 170mm)



Model / Series	■ NF796
Part No	■ JNF796-Q370
Processor	■ Support 8th/9th Gen Intel Core i3, i5, i7 Processors, LGA1151 (300 series), Coffee Lake
Chipset	■ Intel Q370 Express
Video	■ Intel HD Graphics
Memory	■ 2 * 260-pin SO-DIMM slots supporting DDR4-2133 up to 32GB total
Expansion Slots	<ul style="list-style-type: none"> ■ PCI Express 3.0 x16 slot (supports x8/x8 bifurcation) ■ 1 * Full-size mSATA/mini-PCIE shares slot, 3G SIM Card Holder (on bottom) ■ 1 * Half-size Mini-PCIE slot
Storage	■ 5 * 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 12.0 & vPRO)
Other Features	■ Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec, TPM optional
Rear Panel I/O	<ul style="list-style-type: none"> ■ 4 * USB 3.1 Gen2 ports (10Gb/s), 2 * USB 3.1 Gen1 ports (5Gb/s) ■ 2 * RJ-45 ports ■ 2 * Serial ports (2 * RS232/422/485) ■ DisplayPort 1.2 4K @60Hz, 1 * HDMI 1.4 4K @30Hz, VGA ■ 3 * Audio jacks (Line-in, Line-out, Mic)
Internal I/O	<ul style="list-style-type: none"> ■ 2 * USB headers for 4 * USB 3.1 Gen1 ports ■ 1 * USB header for 2 * USB 2.0 ports ■ 24-bit dual channel LVDS, 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 ■ 24-pin ATX + 4-pin 12V power connectors
BIOS	■ AMI 128Mb Flash ROM
Box Contents	■ NF796 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. Overclocking not supported.



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