

NF796F

Mini-ITX Industrial Motherboard / DDR4 2*M.2 / 2 Intel LAN / SATA3 RAID[†] / ATXPWR



Q370/C246 Picture Shown

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/C246/H310 Chipsets
3. Supports DDR4-2400 SODIMM up to 32GB Total
4. 2 * Intel Gigabit LAN, up to 3[†] Displays DP, HDMI, VGA, LVDS
5. 5 * SATA3 6Gb/s Supporting RAID[†] 0, 1, 5, 10, JBOD
6. M.2 SATA/PCIE 3.0 x4 NVME 2242/2280, HD Audio
M.2 2230 for WIFI, PCIE x16 (supports x8/x8 bifurcation[†])
7. 4[†] * USB 3.1 Gen2, 6[†] * USB 3.1 Gen1, 2 * USB 2.0
8. 6* Serial Ports, Watchdog Timer, AT/ATX Power Switch Mode
9. 24+4-pin Power Connectors, GPIO, Chassis Intrusion
10. Optional Onboard TPM 2.0
11. Compatible with Windows 10 64bit, Linux
12. Mini-ITX Form Factor (170mm x 170mm)

[†] On Q370/C246 Models only



JNF796M-Q370



JNF796M-C246



JNF796M-H310

Model / Series	■ NF796F
Part No	■ JNF796F-Q370
Processor	■ Support 8th/9th Gen Intel Core i3, i5, i7 Processors, LGA1151 (300 series), Coffee Lake
Chipset	■ Intel Q370
Video	■ Intel HD Graphics
Memory	■ 2 * 260-pin SO-DIMM slots for DDR4-2400 up to 32GB total
Expansion Slots	■ PCI Express 3.0 x16 slot (supports x8/x8 bifurcation)

	<ul style="list-style-type: none"> ■ M.2 2230 E-key (for WIFI)
Storage	<ul style="list-style-type: none"> ■ 5 * SATA3 6Gb/s ports supporting RAID 0, 1, 5, 10, JBOD
Audio	<ul style="list-style-type: none"> ■ Realtek HD audio
Network	<ul style="list-style-type: none"> ■ 2 * Intel Gigabit LAN (1 * i211-AT, 1 * i219-LM supporting iAMT 12.0 & vPRO)
Other Features	<ul style="list-style-type: none"> ■ Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec, Optional TPM 2.0
Rear Panel I/O	<ul style="list-style-type: none"> ■ 4 * USB 3.1 Gen2 (10Gb/s), 2 * USB 3.1 Gen1 (5Gb/s) ■ 2 * RJ-45 ports ■ 2 * RS232/422/485 ■ DP 1.2 4K @60Hz, HDMI 1.4 4K @30Hz, VGA ■ Line-in, Line-out, Mic ■ Up to 3 Displays
Internal I/O	<ul style="list-style-type: none"> ■ 2 * headers for 4 * USB 3.1 Gen1 ■ 1 * header for 2 * USB 2.0 ■ 24-bit LVDS, AT/ATX switch ■ 4 * Serial (2.00mm pitch, 4 * RS232) ■ Chassis Intrusion, PS/2 KB/MS, SMBUS, 8bit GPIO ■ 24-pin ATX + 4-pin 12V power connectors
BIOS	<ul style="list-style-type: none"> ■ AMI 128Mb Flash ROM
Box Contents	<ul style="list-style-type: none"> ■ NF796F Motherboard, 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. Overclocking not supported.



Jetway Computer Corporation
Phone: 510-857-0130 Fax: 510-857-0138
8058 Central Ave., Newark, CA 94560
www.jetwaycomputer.com

