

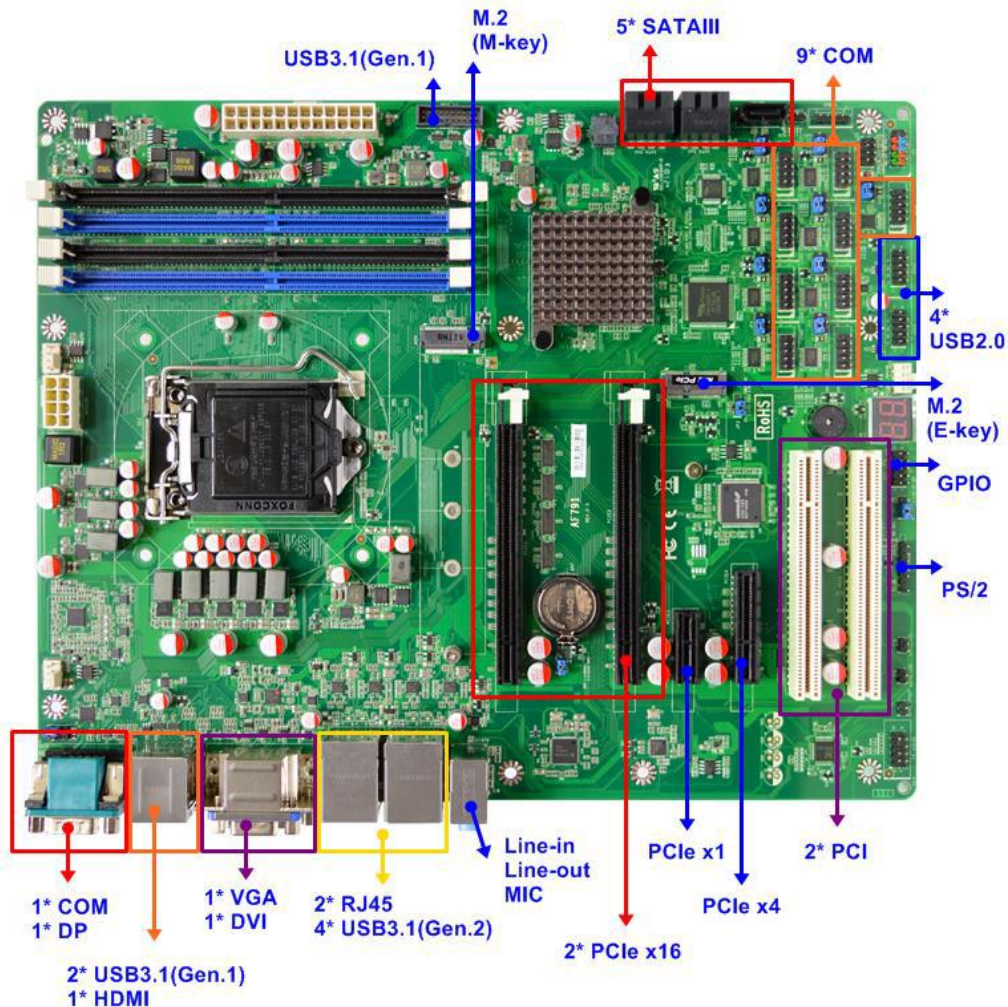
NAF791

ATX 8th/9th Gen Industrial Motherboard 2 Intel LAN / DP/HDMI/DVI/VGA / 10 COM



Features

1. Long-Life Embedded Class Industrial Motherboard with Planned Lifecycle Through Q2'2033
2. Supports 8th Gen Intel Processors, Coffee Lake
3. Supports DDR4-2666 Dual Channel DIMM up to 64GB Total
4. Up to 3 Displays, DP 4K@60, HDMI 4K@30, DVI-D, VGA
5. 2 * Intel Gigabit LAN, Supports iAMT
6. 5 * SATA3 6Gb/s Supporting RAID 0,, 1, 5, 10
7. 1 * M.2 SATA+PCIE x4 Slot 2242/2260/2280/22110
8. 1 * M.2 E-key 2230 Slot for WIFI, USB 3.1 Gen2 (10Gb/s)
9. PCIe x16, PCIe x16(x8), PCIe x1, PCIe x4, 2 * PCI
10. 10 * Serial Ports, TPM Option, Watchdog Timer, GPIO
11. Compatible with Windows 10 64bit, Latest Linux
12. ATX Form Factor (305mm x 244mm)



Model / Series	■ NAF791
Part No	■ JNAF791-Q370
Processor	■ Socket LGA1151, Supports 8th Gen Intel Core i3, i5, i7 processors (Coffee Lake)
Chipset	■ Q370
Video	■ Intel HD Graphics
Memory	■ 4 * 288-pin DIMM supporting dual channel DDR4-2666 up to 64GB total
Expansion Slots	■ PCIE 3.0 x16, PCIE 3.0 x16 (x8 bandwidth), PCIE x1, PCIE x4, 2 * 32bit PCI slots
Storage	■ 5 * SATA3 6Gb/s ports supporting RAID 0, 1, 5, 10 ■ M.2 PCIE 3.0 x4 & SATA M-key 2242/2260/2280/22110
Audio	■ Realtek ALC662 HD audio
Network	■ 1 * Intel i211-AT gigabit LAN, 1 * Intel i219-LM gigabit LAN supporting iAMT
Other Features	■ Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec, TPM optional
Rear Panel I/O	■ 2 * USB 3.1 Gen1 (5Gb/s) 4 * USB 3.1 Gen2 (10Gb/s) ■ 2 * RJ45 ports, 1 * Serial (RS232/422/485), line-in, line-out, Mic ■ VGA, DVI-D, DisplayPort 4K@60Hz, HDMI 4K@30Hz
Internal I/O	■ 1 * USB header for 2 * USB 3.1 Gen1 ports ■ 2 * USB headers for 4 * USB 2.0 ports ■ 9 * Serial headers (1*RS232/422/485, 8*RS232) ■ PS/2 combo MS/KB, AT/ATX mode, SMBUS, ■ 8bit GPIO, Chassis Intrusion header, Diagnostic LED display ■ 24-pin ATX + 8-pin 12V power connectors
BIOS	■ AMI 128Mb Flash ROM
Box Contents	■ Motherboard, I/O Shield
Certification	■ CE, FCC, RoHS, ErP
Temperature	■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
Form Factor	■ ATX Form Factor (305mm x 244mm)
Warranty	■ 2 Years Limited Warranty

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



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