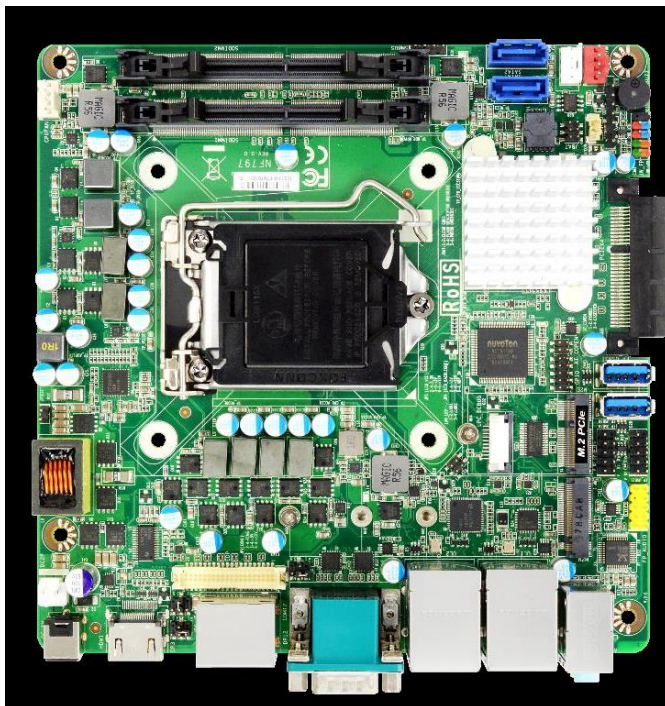


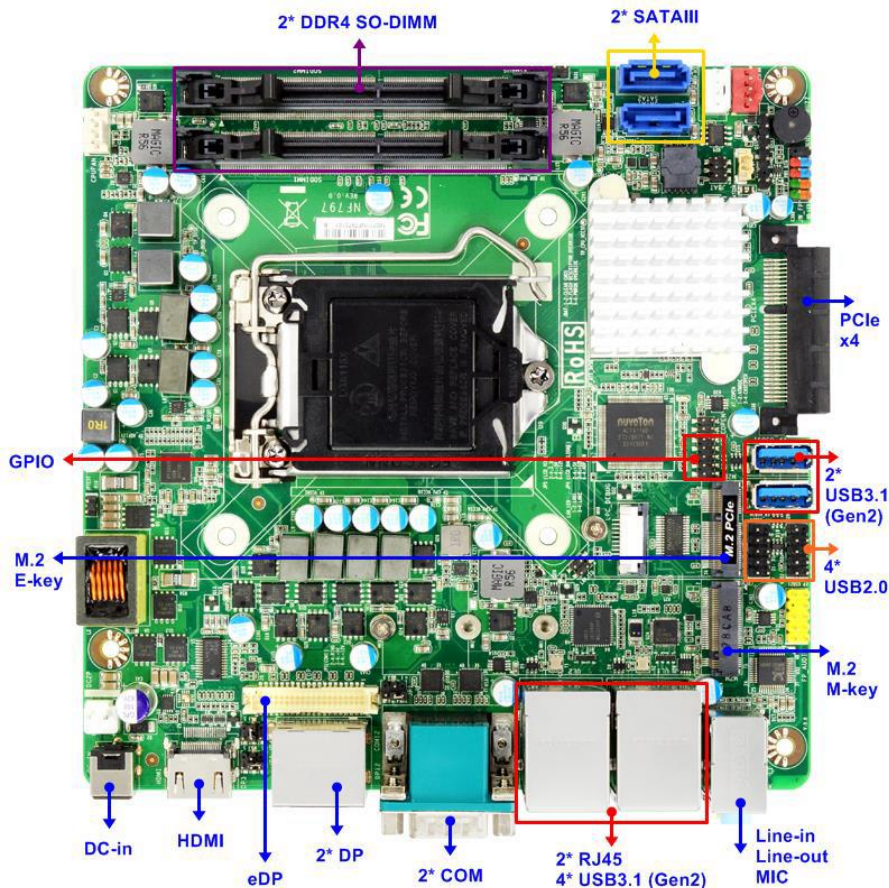
# NF797

## Mini-ITX Industrial Motherboard / Coffee Lake LGA1151 / 2 Intel LAN / 2 \* M.2 / 9-36V



### Features

1. Industrial Embedded Motherboard
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 2\*DP, HDMI, eDP
5. 2 \* SATA3 6Gb/s Ports Supporting RAID 0, 1
6. 1 \* M.2 PCIE 3.0 x4 & SATA 2242/2260/2280, HD Audio
7. 1 \* M.2 E-key 2230, PCIe x4 Side-port
8. 6 \* USB 3.1 Gen2, 4 \* USB 2.0, GPIO, Chassis Intrusion
9. 2\* Serial Ports, Watchdog Timer, AT/ATX Power Switch Mode
10. 9V-36V DC-in or 2-pin Alternate Power Connectors
11. Optional Onboard TPM 2.0
12. Compatible with Windows 10 64bit, Linux
13. Mini-ITX Form Factor (170mm x 170mm)



|                        |   |
|------------------------|---|
| <b>Model / Series</b>  | ■ NF797   |
| <b>Part No</b>         | ■ JNF797-Q370 (no TPM), JNF797T2-Q370 (TPM 2.0)   |
| <b>Processor</b>       | ■ Support 8th/9th Gen Intel Core i3, i5, i7 Processors, LGA1151 (300 series), Coffee Lake   |
| <b>Chipset</b>         | ■ Intel Q370 Express  |
| <b>Video</b>           | ■ Intel HD Graphics   |
| <b>Memory</b>          | ■ 2 * 260-pin SO-DIMM slots supporting DDR4-2400 up to 32GB total   |
| <b>Expansion Slots</b> | ■ PCI Express 3.0 x4 side-port slot<br>■ 1 * M.2 E-key 2230 for WIFI  |
| <b>Storage</b>         | ■ 2 * SATA3 6Gb/s ports support<br>■ 1 * M.2 M-key PCIE 3.0 x4 & SATA 2242/2260/2280  |
| <b>Audio</b>           | ■ Realtek ALC662 HD audio   |
| <b>Network</b>         | ■ 2 * Intel Gigabit LAN (1 * i211-AT, 1 * i219-LM supporting iAMT 12.0 & vPRO)  |
| <b>Other Features</b>  | ■ Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec, Optional TPM 2.0   |
| <b>Rear Panel I/O</b>  | ■ 4 * USB 3.1 Gen2 ports (10Gb/s)<br>■ 2 * RJ-45 ports<br>■ 2 * Serial ports (2 * RS232/422/485)<br>■ 2 * DisplayPort 1.2 4K @60Hz, 1 * HDMI 1.4 4K @30Hz<br>■ 3 * Audio jacks (Line-in, Line-out, Mic)<br>■ 9V – 36V DC-in                   |
| <b>Internal I/O</b>    | ■ 2 * USB 3.1 Gen2 vertical type-A ports<br>■ 2 * USB header for 4 * USB 2.0 ports<br>■ eDP 4K @60Hz, AT/ATX power switch mode<br>■ Chassis Intrusion header, PS/2 KB/MS header, SMBUS header, 8bit GPIO<br>■ 2-pin Alternate power connector |
| <b>BIOS</b>            | ■ AMI Flash ROM   |
| <b>Box Contents</b>    | ■ NF797 Motherboard, SATA Cable, Serial Cable, 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. Overclocking not supported.



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

