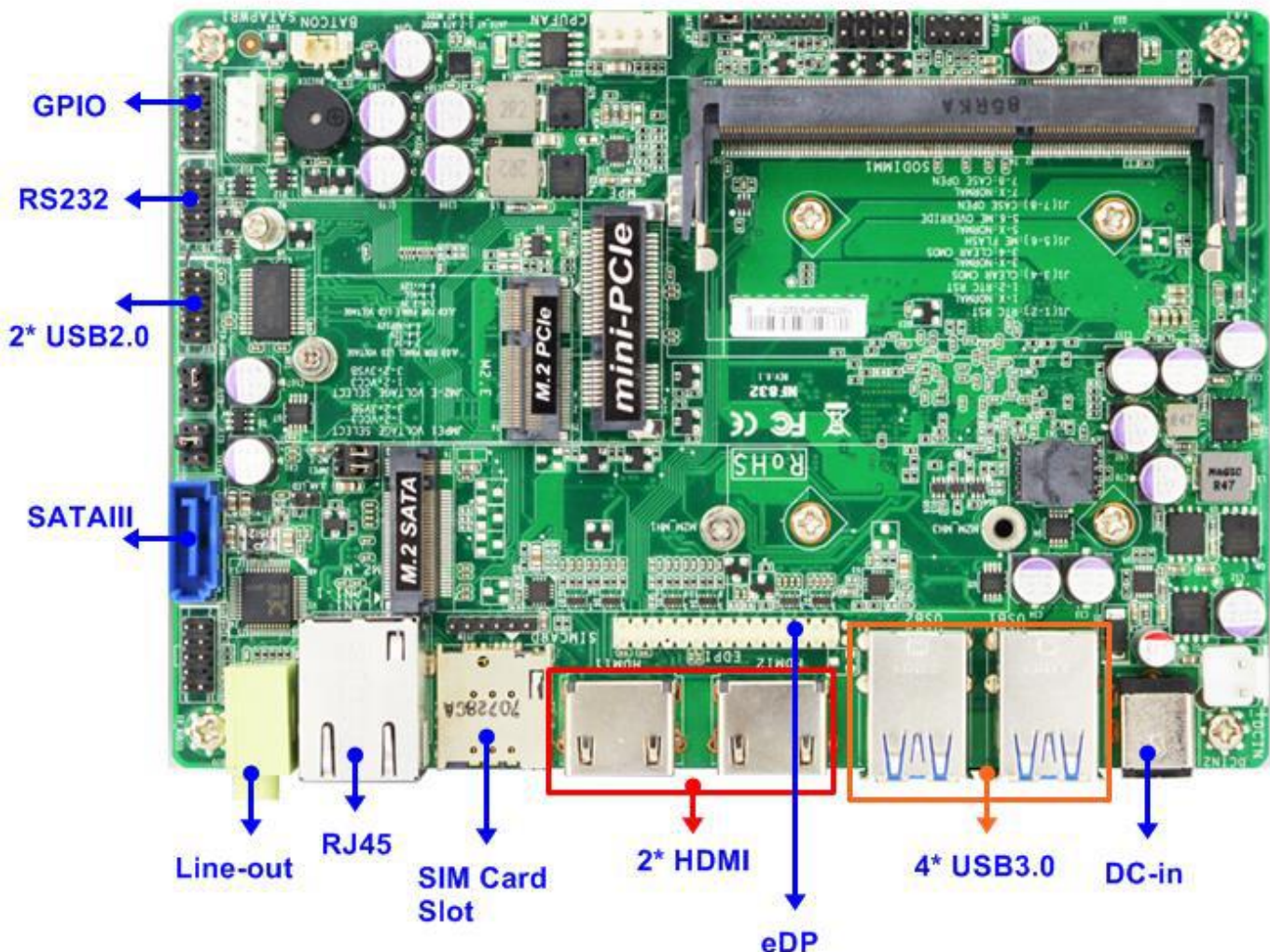
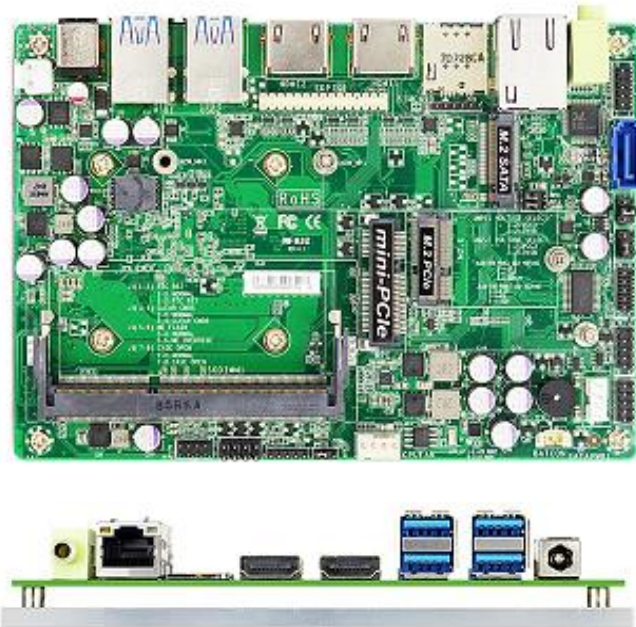


# NF832

## 3.5" Industrial Motherboard for Fanless Systems 2 HDMI / eDP / 2 \* M.2 / Mini-PCIE / 12V

### Features

1. CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems
2. Intel Celeron J3455 Quad-Core, Apollo Lake Platform
3. Supports DDR3L-1866 SODIMM up to 8GB Total
4. Supports up to 3 Display, 2 \* HDMI, eDP 4K @60Hz
5. 1 \* SATA3 6Gb/s Port, 1 \* M.2 SATA 2242/2280
6. 1 \* M.2 2230, 1 \* Full-size Mini-PCIE Slot with SIM Slot
7. Realtek Gigabit LAN, HD Audio, 4 \* USB 3.0
8. 1 \* Serial Port Header, 8-bit GPIO, Watchdog Timer
9. 12V DC-In or 2-pin Alternative Internal Connector
10. 3.5" SBC Form Factor (148mm x 102mm)



<b>Model / Series</b>	■ NF832
<b>Part No</b>	■ JNF832-3455
<b>Processor</b>	■ Intel Celeron J3455 SoC, Quad-Core, Apollo Lake platform ■ *Ships with flat heatsink for direct attaching
<b>Chipset</b>	■ SoC
<b>Video</b>	■ Intel HD Graphics
<b>Memory</b>	■ 1 * 204-pin SO-DIMM slots supporting DDR3L-1866 up to 8GB total, 1.35V required
<b>Expansion Slots</b>	■ 1 * Full-size mini-PCI Express slot with 3G SIM slot ■ 1 * M.2 E-key 2230 for WIFI
<b>Storage</b>	■ 1 * SATA3 6Gb/s port ■ 1 * M.2 SATA M-key 2242/2280 only
<b>Audio</b>	■ Realtek ALC662 HD Audio
<b>Network</b>	■ 1 * Realtek RTL8111H Gigabit LAN
<b>Other Features</b>	■ Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec, Optional TPM
<b>Rear Panel I/O</b>	■ 4 * USB 3.0 port ■ 1 * RJ-45 port ■ 2 * HDMI 4K @30Hz ■ Line Out ■ 12V DC-in jack
<b>Front Panel I/O</b>	■ None
<b>Internal I/O</b>	■ 1 * USB Header for 2 * USB 2.0 ports ■ SIM Card Slot, 1 * Serial port header (RS232), eDP & Inverter, SMBus header, 8-bit GPIO header, Chassis Intrusion Header, AT/ATX power switch mode jumper, 2-pin Alternate power connector
<b>BIOS</b>	■ AMI Flash ROM
<b>Box Contents</b>	■ NF832 Motherboard, SATA Cable, Manual, DVD Driver Disk
<b>Certification</b>	■ CE, FCC, RoHS, ErP
<b>Temperature</b>	■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
<b>Form Factor</b>	■ 3.5" SBC Form Factor (148mm x 102mm)
<b>Warranty</b>	■ 2 Years Limited Warranty

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



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

