

NF695

Thin Mini-ITX Apollo Lake Industrial Motherboard 1 - 2 LAN / 1 - 2 HDMI / 2 - 10 COM / 12V

Features

1. Long-Life Embedded Class Industrial Motherboard with Planned Lifecycle Through Q3'2031
2. Intel Celeron J3455 Quad-Core, 10W SOC Processor
3. Supports DDR3L-1866 SODIMM up to 8GB Total
4. NF695C6: 2 * HDMI 4K @30Hz, 24bit LVDS/eDP
5. NF695HV: VGA, HDMI 4K @30Hz, 24bit LVDS/eDP
6. NF695L: 2 * HDMI 4K @30Hz, 24bit LVDS/eDP
7. Gigabit LAN (2 * NF695HV & NF695C6, 1 * NF695L)
8. 1 * SATA3 6Gb/s, 1 * M.2 SATA M-key 2242/2260
9. 1 * Full-size Mini-PCIE Slot, SIM Card Holder (NF695HV & C6)
10. 4 * USB 3.0 Ports, 2 - 6 * USB 2.0 Ports
11. 2 - 10 * Serial Ports, 8-bit GPIO, Watchdog Timer
12. 12V DC-in or 2-pin Alternate Internal Power Connector
13. Thin Mini-ITX Form Factor (170mm x 170mm)



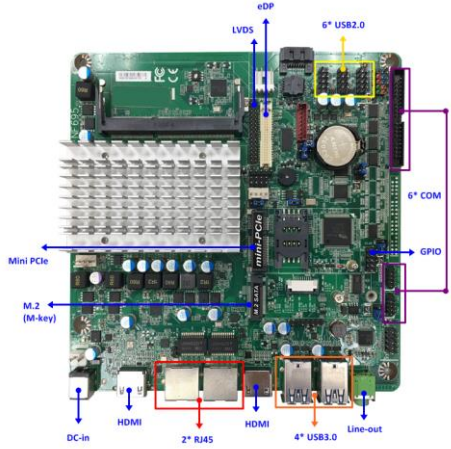
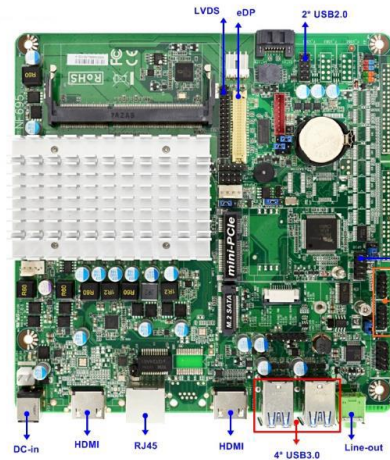
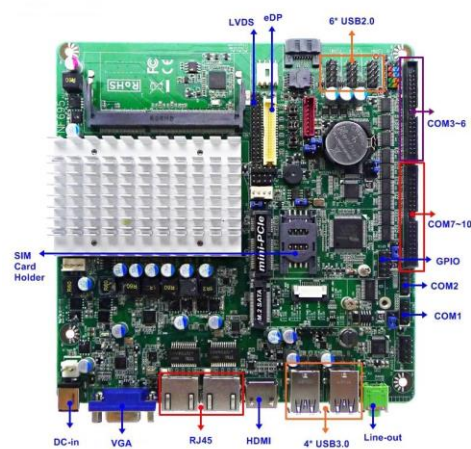
NF695HV



NF695L



JNF695C6



Model	■ NF695		
Part No	■ JNF695HV-3455	■ JNF695L-3455	■ JNF695C6-3455
Processor	■ Intel Celeron Celeron J3455 Quad-core SoC, 10W TDP, Apollo Lake		
Chipset	■ SoC		

Video	■ Intel HD Graphics		
Memory	■ 204-pin SO-DIMM slot DDR3L-1866 up to 8GB total, 1.35V required		
Expansion Slots	■ Full-size Mini-PCIE slot ■ 3G SIM Card Holder	■ Full-size Mini-PCIE slot	■ Full-size Mini-PCIE slot ■ 3G SIM Card Holder
Storage	■ 1 * SATA3 6Gb/s port, 1 * M.2 SATA M-key 2242/2260		
Audio	■ Realtek ALC662 HD audio		
Network	■ 2 * Realtek RTL8111H Gigabit LAN	■ 1 * Realtek RTL8111H Gigabit LAN	■ 2 * Realtek RTL8111H Gigabit LAN
Other Features	■ Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec		
Rear Panel I/O	■ 4 * USB 3.0 ports, 12V DC-in, Line-out ■ 2 * RJ45 ports ■ VGA (1920*1200) ■ HDMI 1.4 4K @30Hz	■ 4 * USB 3.0 ports, 12V DC-in, Line-out ■ 1 * RJ45 port ■ 2 * HDMI 1.4 4K @30Hz	■ 4 * USB 3.0 ports, 12V DC-in, Line-out ■ 2 * RJ45 port ■ 2 * HDMI 1.4 4K @30Hz
Internal I/O	■ 3 * USB Headers for 6 * USB 2.0 ports ■ 10 * Serial (1*RS232/422/485, 1*RS232) ■ 24bit LVDS/eDP, PS/2 combo MS/KB, AT/ATX mode, SMBUS, 8bit GPIO ■ 2-pin Alternate internal power connector	■ 1 * USB Header for 2 * USB 2.0 ports ■ 2 * Serial (2*RS232) ■ 24bit LVDS/eDP, PS/2 combo MS/KB, AT/ATX mode, SMBUS, 8bit GPIO ■ 2-pin Alternate internal power connector	■ 3 * USB Headers for 6 * USB 2.0 ports ■ 6 * Serial (1*RS232/422/485, 5*RS232) ■ 24bit LVDS/eDP, PS/2 combo MS/KB, AT/ATX mode, SMBUS, 8bit GPIO ■ 2-pin Alternate internal power connector
BIOS	■ AMI 128Mb Flash ROM		
Box Contents	■ Motherboard, SATA Cable, COM Cable, I/O Shield		
Certification	■ CE, FCC, RoHS, ErP		
Temperature	■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C		
Form Factor	■ Thin Mini-ITX Form Factor (170mm x 170mm)		
Warranty	■ 2 Years Limited Warranty		

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



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