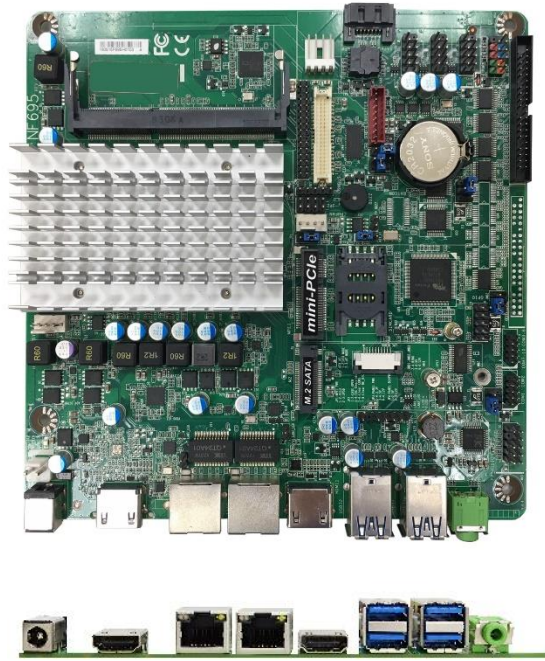


## JNF695C6-3455

**Slim Mini-ITX Embedded Motherboard with Intel® Apollo Lake SoC Processor, DDR3L up to 8GB, support 4K display output**



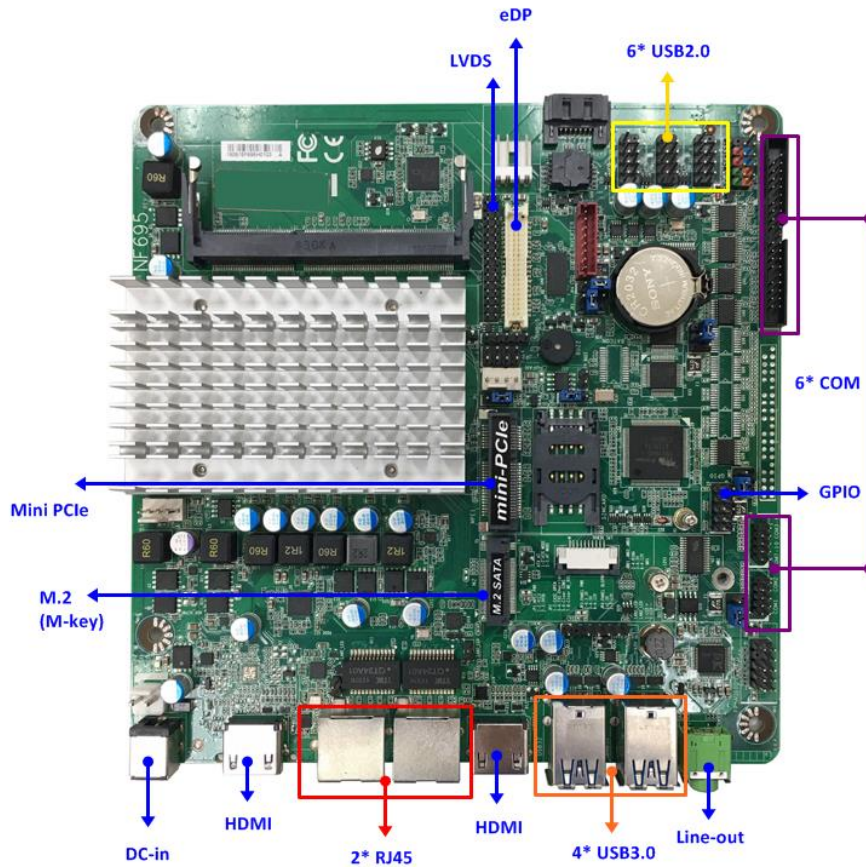
### Features

1. Intel® Apollo Lake SoC Processor
2. 1 \* DDR3L 1866MHz SODIMM Up to 8GB
3. HDMI / LVDS / eDP, support triple displays
4. 6 \* COM, 4 \* USB3.0, 6 \* USB2.0, 2 \* GbE
5. 1\* Mini PCIe slot, 1 \* SIM card holder
6. Support 1 \* SATA III (6Gb/s), 1 \* M.2 (M-key, 2242/2260)
7. 12V DC-in power

### Application

- Digital Signage
- POS
- KIOSK
- Industrial Automation
- Panel PC

## Internal Diagram



## Specifications

<b>Model</b>	<b>JNF695C6-3455</b>
<b>Form Factor</b>	
Dimensions	- Slim Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)
<b>Processor System</b>	
CPU	- Intel® Apollo Lake J3455 SoC Processor
Core Number	- 4
Max Speed	- 2.30GHz
L2 Cache	- 2MB
Chipset	- SoC
BIOS	- AMI Flash ROM
<b>Expansion Slot</b>	
Mini-PCIe	- 1 (full size)
M.2	- 1 (M-key, 2242/2260)
SIM Card Holder	- 1
<b>Memory</b>	
Technology	- DDR3L 1866MHz SDRAM

Max.	- 8GB
Socket	- 1 * SO-DIMM
<b>Graphics</b>	
Controller	- Intel® HD Graphics
VRAM	- Shared Memory
LVDS	- 1 (Max. Resolution: 1920 * 1200@60Hz, selectable with eDP, not working while using LVDS)
eDP	- 1 (Max Resolution: 4096×2160@60Hz, selectable with LVDS, not working while using eDP)
HDMI 1.4	- 2 (Max. Resolution: 3840 * 2160@30Hz)
Multi Display	- Triple Displays
<b>Ethernet</b>	
Ethernet	- 10/100/1000 Mbps
Controller	- 2 * Realtek 8111H GbE
Connector	- 2 * RJ45
<b>Audio</b>	
CODEC	- HD Audio: Realtek ALC662VD
Channel	- Line-out
<b>SATA</b>	
Max Transfer Rate	- 1 * SATAIII (6Gb/s)
<b>Rear I/O</b>	
HDMI	- 2
Ethernet	- 2
USB	- 4 * USB 3.0
Audio	- 1 (Line-out)
DC-input	- 1
<b>Internal Connector</b>	
USB	- 6 * USB 2.0
PS/2	- 1
LVDS / inverter	- 1 (Selectable with eDP, not working while using LVDS)
eDP	- 1 (Selectable with LVDS, not working while using eDP)
Serial	- 6 (COM1 support RS232/422/485)
SATA	- 1 * SATAIII
mPCIe	- 1 (full size)
SIM card holder	- 1
M.2	- 1 (M-key, 2242/2260)
GPIO	- 1 (8 bit)
Chassis intrusion	- 1

Audio Header	- 1
SMBUS/ I2C	- 1
AT mode	- 1
TPM 2.0	- 1 (onboard option)
Other	- 0
<b>Watchdog Timer</b>	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments (10sec ~ 255min)
<b>Power Requirements</b>	
Input PWR	- 12V DC-in
Power On	AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
<b>Certifications</b>	
Certifications	- CE, FCC, LVD, RoHS, REACH
<b>Environment</b>	
Temperature	- Operating: 0°C ~ 60°C (with 0.7m/s air flow) - Storage: -20°C ~ 85°C
<b>Warranty</b>	
Warranty	- 2 Years Limited Warranty

\*Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

## Accessories

Part Number	Description
	JNF695C6-3455 M/B
G01-COM-H2M22-1F	2 * COM cable
G01-COM9X4-40A-F	1 * COMx4 cable
F04-MB-069-F	I/O Shield