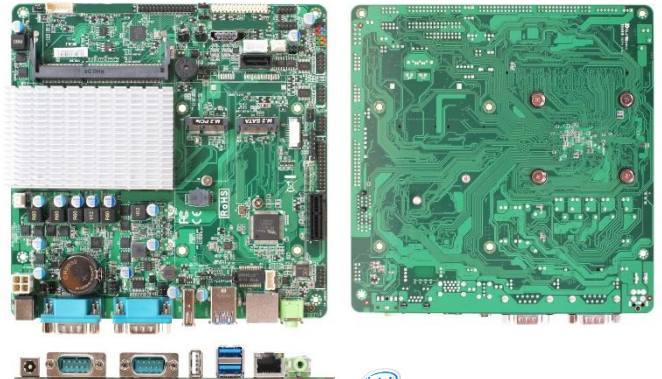




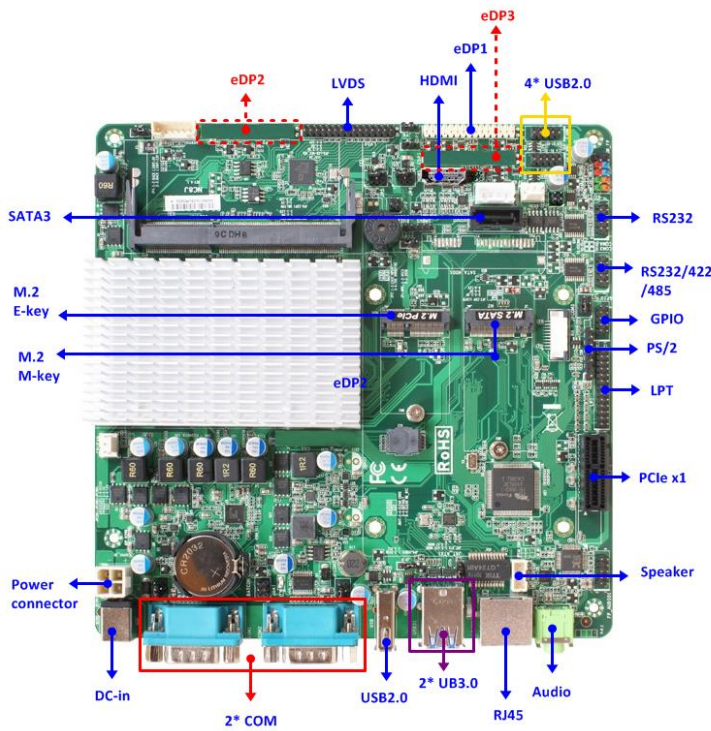
JNC8J-I3455 Series

Intel® Apollo Lake J3455 SoC, DDR3L up to 8GB, support 12V DC-in

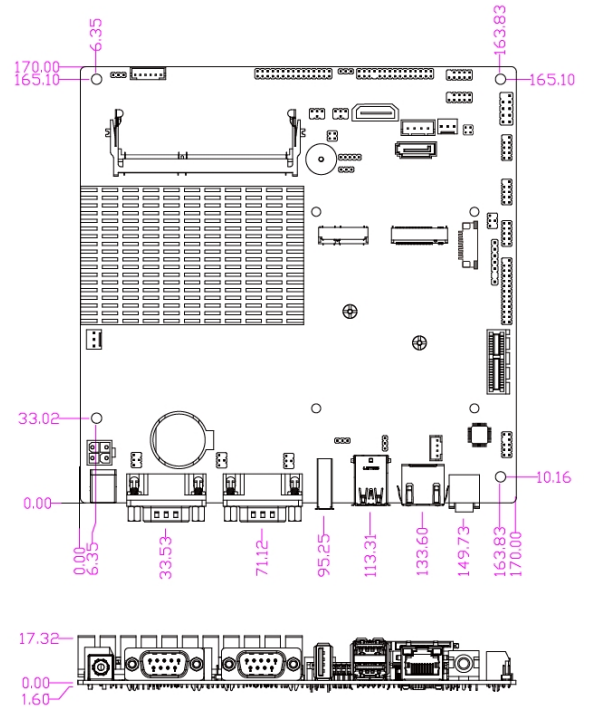
1. Intel® Apollo lake J3455 SOC (Co-lay N3350)
2. Onboard Intel® J3455 1.5GHz Quad Cores CPU
3. Onboard 32G eMMC (JNC8J-I3455D)
4. 1* DDR3L/1866 SO-DIMM up to 8GB
5. 1* PCIe x1, 1* M.2 E-key, 1* M.2 M-key
6. 4* COM (COM1/2/3 support 5/12V TTL), 2* USB3.0, 5* USB2.0, 1* GbE
7. Support HDMI + LVDS + eDP
8. Support Slim hard drive design
9. Onboard 12V DC-in
10. Thin Mini ITX Form Factor (170mm x170mm)



I/O Diagram



Mechanical Drawings (Unit = mm)



Specifications

Model	Form Factor
<ul style="list-style-type: none">JNC8J-I3455JNC8J-I3455D (onboard 32G eMMC)	Mini-ITX (6.69-in * 6.69-in, 170 * 170mm)
Processor System	Expansion
<ul style="list-style-type: none">Onboard Intel® J3455 1.5GHz (Turbo 2.3GHz) Quad Cores CPUApollo lake J3455 SoC chipsetOnboard 32G eMMC (JNC8J-I3455D)AMI 128M Flash ROM	<ul style="list-style-type: none">1* M.2 (E Key)1* M.2 (M key, 2242 for SSD)1* PCIe x1
Memory	Graphics
1* DDR3L 1866MHz SO-DIMM up to 8GB	<ul style="list-style-type: none">Intel® HD Graphics 500, shared memory1* eDP (Max Resolution: 4096x2160 @60Hz)1* LVDS (Max Resolution: 2560x1600@60Hz, Co-lay eDP2)1* HDMI1.4 (Max Resolution: 3840x2160@30Hz, Co-lay eDP3)Support Triple Displays
Ethernet	Audio
1* Realtek® RTL8111G GbE	<ul style="list-style-type: none">HD audio: Realtek ALC662FP_AUDIO, 3W Amplifier Speaker out
SATA	Rear I/O
1* SATAIII (6.0Gb/s)	<ul style="list-style-type: none">1* RJ452* USB3.01* USB2.01* Line-out2* COM (RS232, support 5/12V TTL)1* DC-in
Internal Connector	Watchdog Timer
<ul style="list-style-type: none">4* USB 2.01* PS/21* LVDS / Inverter (Co-lay eDP2)1* eDP1* HDMI (Co-lay eDP3)1* RS232/422/485 supports 5/12V TTL (COM3)1* RS232 (COM4)1* M.2 E-key (2230)1* M.2 M-key (2242, SATA)1* Parallel1* GPIO (8bit, 5V)1* Audio Header1* speaker (3W Amplifier)1* SMBUS1* AT mode	<ul style="list-style-type: none">From Super I/O to drag RESETCON#256 segments (0 ~ 255sec)
Power	Compliance
12V DC-in, AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready	CE, FCC, RoHS, REACH
Temperature	OS Support
<ul style="list-style-type: none">Operating: -10°C ~ 60°CStorage: -20°C ~ 70°CHumidity: 10% ~ 90% RH @40°C (non-condensing)	Windows 10, Linux
Warranty	
2 Years Limited Warranty	

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

Accessories

Parts Number	Description	Parts Number	Description
-----	JNC8J Series	LCSCJNL70-F	Screw pack
G01-2X10A-HDMI-1F	HDMI Cable	G01-XH4-4P-22-F	SATA Power Cable
G01-SATA-BK-B-2F	SATA Cable		