

# J3455I-CM-A

Mini-ITX, Intel® Celeron® Quad-Core J3455 SoC, 2\*U-DIMM, 1\*PCIe x4, HDMI, VGA, LVDS, 1\*M.2 E Key, 6\*USB3.2 Gen1, 4\*USB2.0, 2\*SATA, 2\*COM, TPM, SEMI-IPC

## Features

- Fan-less mini-ITX SEMI-Industrial MB with Intel Celeron® J3455 SoC processors
- Supports 3 displays configuration by multiple interface: HDMI/ VGA /LVDS
- 4-year longevity supply with EOL and Last Buy Notice
- Advanced I/O and connectivity features



## Specifications

<b>Processor System</b>	CPU	Build in Intel® Celeron® Quad-Core J3455 SoC onboard Processors
<b>Memory</b>	Technology	DDR3L 1866/1600/1333 MHz Non-ECC, Un-buffered Memory
	Max.	8GB
	Socket	2 x U-DIMM
<b>Display</b>	VGA	1, Supports up to 1920 X 1200 @ 60 Hz
	HDMI	1, Supports up to 3840 x 2160 @ 30 Hz
	LVDS	1, Supports up to 1920 X 1200 @ 60Hz
	Multi Display	HDMI+VGA+LVDS
<b>Expansion Slot</b>	PCIe	1 x PCIe 2.0 x4 (x1 mode)
	M.2	1 x M.2 Socket 1 with E key, type 2230 for WIFI/BT device
<b>Ethernet</b>	Speed	10/100/1000Mbps
	Controller	1 x Realtek® RTL8111H
	Connector	1 x RJ-45
<b>Audio</b>	Codec	Realtek® ALC887-VD2 8-Channel High Definition Audio
	Connector	Line-Out, Line-In, MIC
<b>Storage</b>	SATA port	2 x SATA Gen 3.0, up to 6Gb/s
<b>Rear I/O</b>	VGA	1
	HDMI	1
	USB3.2 Gen1	4
	Ethernet	1
	Serial Port	1 (RS232)
	Audio jack	3
	PS/2	1 x Keyboard Port, 1 x Mouse Port
<b>Internal Connector</b>	Serial Port	1 (RS232)
	USB3.2 Gen1	1 X Header Support Additional 2 X USB3.2 Gen1 Connectors
	USB2.0	2 X Header Support Additional 4 X USB2.0 Connectors
	CPU Fan Connector	1 (PWM Mode)
	Chassis Fan Header	1 (PWM+DC Mode)
	Chassis Intrusion Header	1
	Parallel Port Connector	1
	Front Panel Audio Header (AAFP)	1
	System Panel Header	1(10-1 Pin)
	Clear CMOS Jumper	1
	Buzzer	1
	LVDS Connector	1
	Display Panel Backlight Power Selector	1
	Flat Panel Display Brightness Connector	1
	Display Panel VCC Power Selector	1
	LCD panel monitor switch header	1
	Power Connector	1 X 4-pin ATX Power Connector, 1 X 24-pin EATX Power Connector

# Specifications

<b>Watchdog Timer</b>	H/W	YES
<b>Security</b>	TPM	1 x LPC TPM header
<b>Power</b>	Power Type	EATX, ATX mode
<b>Operating System</b>	Microsoft Windows	Windows® 10 (64bit)
	Linux	Ubuntu, RedHat Enterprise, Fedora Workstation, OpenSUSE
<b>Environment</b>	Operating Temperature	0~50°C
	Non-Operating Temperature	-40~70°C
	Relative Humidity	0%~85%
<b>Dimension</b>	Form Factor	Mini-ITX, 170 x 170 mm
<b>Certification</b>	Safety	CE, FCC

# Block Diagram

