

CF17-i3 1315URE Wide temp.

Features

Intel® 13th Gen Raptor Lake-P Embedded/Industrial SKU Series

1 DDR5 5200 MHz SODIMM Slot up to 32GB

Quadruple independent displays: 4HDMI, 1 LVDS/eDP

4 2.5GbE LAN with RJ-45

1 M.2 B key (with NANO SIM-holder), 1 M.2 E key

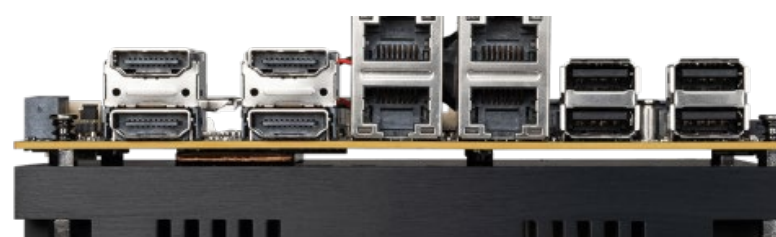
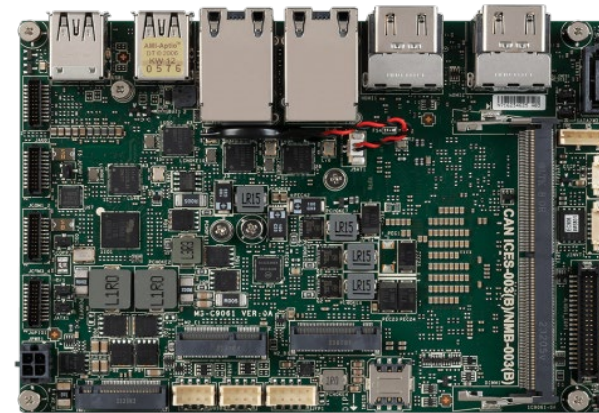
1 M.2 M key, 1 SATA 3.0 for storage

4 USB 3.2 Gen 2, 4 USB 2.0, 4 COM (4 RS-485), DIO, Audio

Onboard TPM 2.0

Wide Voltage DC-IN 12~24V (OCP & OVP)

Wide operating temperature supported



Specifications

SYSTEM	
CPU	Intel® Mobile 13th Gen Raptor Lake-P U Series Processors, Core™ i3-1315URE , 28W
Frequency	P-Core: 4.3 GHz~4.9 GHz (Depends on CPU) E-Core: 3.2 GHz~3.7 GHz (Depends on CPU)
Storage	1 x SATA 3.0
Memory	
Max. Capacity	Up to 32 GB
Socket	1 x 262-pin SO-DIMM
Display	
HDMI	4
DisplayPort	--
Audio	Realtek® ALC897 HD Audio Codec (Co-lay ALC888S)
H/W Monitor	256-level Watchdog Timer
I/O Interface	
USB	4 x USB 2.0 (internal) 4 x USB 3.2 Gen 2 (rear)
Serial	4 x COM ports (internal) COM1~4: RS-232/422/485, 0V/5V/12V, support auto flow control
GPIO	16-bits (8 x GPI; 8 x GPO), 5V
Expansion Slot	
M.2	1 x M.2 M key (PCIe Gen4 x4 NVMe), 2280 1 x M.2 B key (PCIe x1, USB 2.0, w/NANO SIM-Holder), 2242/3042 1 x M.2 E key (PCIe x1, USB 2.0, w/CNVi), 2230
MECHANICAL & ENVIRONMENTAL	
Operation Temp.	-20 ~ 60°C
Storage Humidity	10 ~ 90%, non-condensing
Form Factor	
Dimensions	146 x 102 mm (3.5")
Weight	0.67 kg
OS Support	Windows 10 IoT Enterprise 2021 LTSC (64-bit, 21H2) Windows 11 IoT Enterprise (64-bit, 23H2, Pre-scan) Linux (Support by request)
Power Supply	DC-in 12~24V (OCP & OVP)

