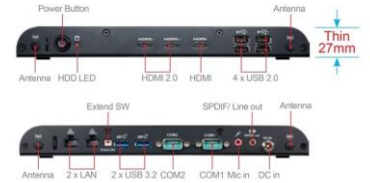


Rugged Mini L2 v4

Technical Specifications

Features

- Intel® 8th Gen. Whiskey Lake U Processor
- Fanless Design
- Ultra Slim Design (27mm)
- Lockable Power Jack
- Low Power Consumption
- 3 Independent Displays



Specifications

System	
Processor	Intel Core i5 – 8265U, Quad-Core Processor 6MB Cache, 1.6GHz to 3.9GHz Optional: Intel Core i5-8365U, Quad-Core 6MB Cache, 1.6GHz to 4.1GHz w/ vPro Intel Core i7-8665U, Quad-Core 8MB Cache, 1.7GHz to 4.4GHz w/ vPro
System Chipset	Whiskey Lake I SoC Integrated
Graphics Controller	Intel UHD Graphics 620
LAN Chipset	1 x GbE: Intel I210- AT 1 x GbE: Intel I218 - LM
Audio	Realtek ALC887
System Memory	Up to 32GB DDR4 2133 (2 x SO-DIMM)
BIOS	AMI 128Mbit
TPM	Optional: TPM 2.0 Discrete Module
vPro	Optional: CPU Dependent
NVMe	M.2-2242 w/ PCIe x 4 or SATA Support
Watchdog	Software Programmable Supports 1~255 sec. System Reset
Storage	
SSD/HDD	1 x 2.5" SATA Bay
mSATA	1 x 2.5" mSATA (Shared with 1 x Mini PCIe)
Expansion	
Mini PCI Express	1 x MiniPCIe (Shared with 1 x mSATA)
M2	1 x M.2-2230 "E" Key for WiFi 1 x M.2-2242 "M" Key for NVMe or SATA
SIM Socket	1 x Internal SIM Socket
Other	
Cooling Method	Fanless
I/O	
Video	3 x HDMI
COM	2 x D89 Serial RS232/422/485
USB	2 x USB 3.2 4 x USB 2.0
LAN	2 x GbE RJ45
WLAN	Intel Wireless AC-8365 + BT or Intel WiFi6 AX200 + BT 5.1 (Optional)
Audio	1 x Speaker-out w/S/PDIF out, 1 x Mic
Other	1 x Power Switch

Operating System	
Windows	Windows 10 Pro 64bit Windows 10 IoT Enterprise SAC or LTSC
Power	
Power Input Voltage	9 ~ 36 VDC
Power Connector	1 x Barrel Jack(Lockable)
Power Adapter	External Power Adapter, 19V @ 3.42A
Environment	
Operating Temperature	14°F to 122°F (-10°C to 50°C) with SSD
Storage Temperature	-4°F to 176°F (-20°C to 80°C)
Relative Humidity	10% - 90% non-condensing
Shock	With SSD: Half-sine wave shock 50G, 11ms
Vibration	With SSD: 2 Grms, 5 ~ 100Hz, 3 axis, 1hr/axis
IP Level	IP40
Certification	CE, FCC, RCM, VCCI, BSMI Class A, BSMI (safety)
Physical	
Enclosure Materials	Extruded Aluminum with Heavy Duty Steel
Dimension (W x H x D)	10.24" x 7.28" x 1.06" (260mm x 185mm x 27mm)
Weight	3.90 lb (1.77 kg)
Mounting	VESA 75/100
Warranty	
Warranty	1-year standard