

Rugged Mini Xv2

Technical Specifications

Features

- i3-1215UL, i5-1235UL, i7-1255UL Processors
- Fanless Design
- TPM 2.0
- vPro & Watchdog Option



Specifications

System

Processor	i3-1215UL i5-1235UL i7-1255UL
Graphics Controller	Intel UHD Graphics Intel Iris Xe Graphics
LAN Chipset	Intel I219 -LM
Audio	Realtek ALC897
System Memory	1 x SO-DIMM (DDR5) up to 64GB
BIOS	Insyde
TPM	IFX 2.0
vPro	Some CPU Configurations
Watchdog	Some CPU Configurations – 255-level timer interval, configurable under BIOS setup menu

Storage

SSD/HDD	256BD-2TB NVMe
NVMe	2 x M.2-2280

Expansion

PCI Express	Full-sized (PCIe x 1) minicard
M.2	2 x M.2 - 2280 1 x M.2 - 2230 (Key-E) 1 x M.2- 3052~ 3042-B (WWAN)

Other

Cooling Method	Fanless
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I/O

Video	1 x mDP (v1.4)
COM	1 x DE- 9 ports
USB	6 x USB 3.2 Port (type-A) 1 x USB 3.2 Port (type-C) 3 x USB 2.0 Port (type-A)
LAN	1 x Intel I219-LM GbE 1 x Realtek RTL8111H
WLAN	Intel Wireless AX210, 802.11ax, 2T2R, WiFi / BT card
Audio	1 x 3.5mm 4-Pole Audio Jack
Other	2 x RP-SMA dipole antennas (Wi-Fi)

Operating System

Windows	Windows 10 / 11 IoT Enterprise and Pro
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Environment

Operating Temperature	-10°C to 50°C (with industrial-grade SSD/DRAM) 0°C to 40°C (with standard SSD/DRAM)
Storage Temperature	-20°C to 60°C
Relative Humidity	95% @ 40°C (non-condensing)
Certification	EMC: CE/FCC class B, Safety: LVD

Physical

Enclosure Materials	Two-piece Metal box, with Aluminum spreader (fins) at top
Dimension (W x H x D)	198mm x 183.8mm x 22.7mm (Includes Aluminum fins)
Weight	~1.25 Kg
Mounting	VESA / DIN-Rail /Wall Mount Kits

Warranty

Warranty	1-year standard
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