

Rugged F

Technical Specifications

Features

- Intel Core i Raptor Lake P 28W Processor
- Less than 2" thick
- Support DDR5 memory
- Environment: Operation 0~50°C
- System height: 30mm
- 4 x Display output support
- 1 x COM port support
- Smart Fan



Specifications

CPU

CPU	Intel Core i7-1360P processor, 12 core, 4P+8E, 16 threads, 80EU, 18M, up to 5.0GHz, TDP 28W (CCG)
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Memory

Memory	2 x DDR5 5200MHz SO-DIMM sockets, Max. Capacity 64 GB
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Ethernet

Ethernet	2 x 2.5GbE LAN ports (Intel I226V and Intel I226LM -vPro)
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Graphic

Graphic	Integrated Graphics Processor - Intel Iris X Graphics
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Audio

Audio	Realtek Audio codec with 2W amplifier
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Storage

Storage	1 x 2.5" HDD/SSD (SATA 6Gb/s) *Due to the thickness of HDD/SSD is required (under 7mm)
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Expansion Slots

Expansion Slots	1 x 2280 M.2 M-Key (PCIe x2, SATA 6Gb/s) 1 x 2230 M.2 E-Key 1 x 3052 M.2 B-Key with SIM Slot (Support 5G)
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Front I/O

Front I/O	2 x HDMI 2 x DP 2 x RJ45 LAN ports 4 x USB 3.2 Gen2x1 2 x USB 2.0 1 x Power button with LED 1 x HDD LED 2 x USB type C 2 x External Antenna Hole (Optional)
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Rear I/O

Rear I/O	2 x USB 2.0 2 x External Antenna Hole (Optional) 1 x Headphone Jack 1 x COM Port (RS-232) 1 x Screw type DC Jack
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Side I/O

Side I/O	1 x External Antenna Hole (Optional)
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TPM

TPM	Onboard TPM 2.0 security chip INFINEON SLB9670VQ2.0
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Power

Power	+12V~24VDC (Adapter 19.5V/135W)
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Operating Temp.

Operating Temp.	32°F to 122°F
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Mounting / Dimension

Mounting Dimension	Wall mount kit 9.2" x 6.1" x 1.1"
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Warranty

Warranty	1-year standard
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