

ROCK-2I132DW

Fanless Embedded Computer with
13th Gen Intel® Raptor Lake-U
& 12th Intel® Alder Lake-U Processor



Features:

- Intel® 13th Gen Raptor Lake-U, i7 / i5 / i3, Pentium CPU
Intel® 12th Gen Alder Lake-U, i7 / i5 / i3, Celeron CPU
- Onboard LPDDR5, 16GB / 32GB
- Multiple Independent display: 1 x HDMI®
- 4 x Intel 2.5 GbE LAN, 3 x USB 3.2, 2 x USB 2.0
- 1 x M.2 M Key, 1 x M.2 B Key, 1 x Nano SIM
- 2 x COM, 4DI / 4DO

Specifications :

Motherboard	2I132DW
CPU	13th Gen Raptor Lake-U, i7 / i5 / i3, Pentium CPU 12th Gen Alder Lake-U, i7 / i5 / i3, Celeron CPU
Chipset	Intel Raptor Lake-U ; Alder Lake-U SoC
Memory	Onboard LPDDR5, 16GB / 32GB
Storage	M.2-SSD, HDD / SSD
Expansion slots	1 x M.2 M key Type 2280 (SATA / PCIe x 4), Support NVMe 1 x M.2 B key Type 2242 / 3042 (PCIe x2 / USB 3.2 / 2.0) 1 x Nano SIM
I/O ports	Network 4 x Intel 2.5GbE USB 3 x USB 3.2 Gen 1 x 1, 2 x USB 2.0 Serial ports 2 x RS232 / 422 / 485 Display 1 x HDMI® GPIO 4 x DI / 4 x DO (Option)
Optional Modules & Accessory	*SATA Kit *DIN Rail Mounting Kit *System Mounting Kit *VESA Mounting Kit *4G / 5G, WiFi, BT, Module, Digital I/O, 2 / 4 PoE
OS Support	Windows® 10 IOT ; Windows® 11 IOT Ubuntu 22.04 above, Fedora 36 above

Mechanical

Dimensions	173W x 130D x 85H mm
Weight	2.2 kg
Mounting	DIN-Rail Mount* System Mount* VESA Mounting*

Power

DC input	9~36V
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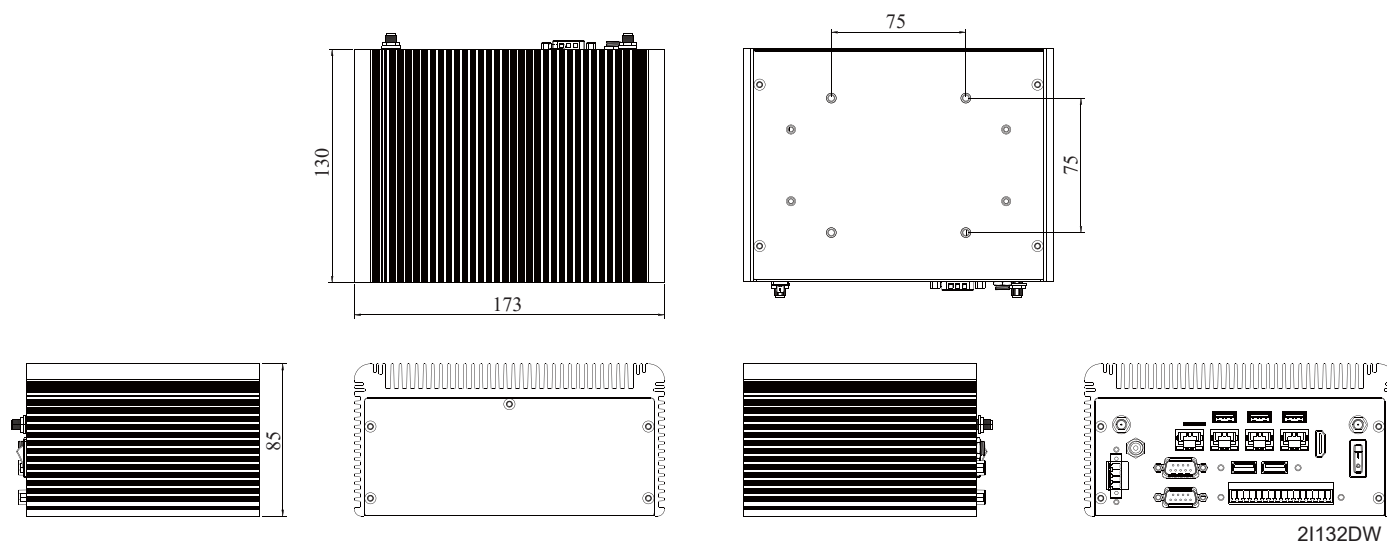
Environment

Operating Temp. (100 % CPU usage)	-40°C ~ +70°C (under specific environmental & CPU power consumption conditions)
Relative Humidity	95% @ 40°C, non-condensing

Certification

	CE / FCC class A
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Dimension



2I132DW