

VELA-PRF-RPL-2U



Key Features

- ◆ 2U industrial PC with Intel Core i7, 32GB DDR4 and 1TB NVMe.
- ◆ Engineered for high-speed data acquisition, real-time control and AI development.
- ◆ Configurable CPU, memory, storage, I/O and OS options available.
- ◆ Built with in-stock components for quick dispatch and long-term support.

IMPULSE EMBEDDED LIMITED

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System	
Chassis Form Factor	2U
CPU	LGA1700 socket for 14th/13th/12th Gen. Intel Core i9/i7/i5/i3 processor (CPU TDP max. up to 65W)
CPU Cooler	125W 2U/4U CPU Cooler for LGA 1700/1851 Socket
Motherboard	AIMB-788G2-00A1 - 14th/13th/12th Gen Intel Core i9/i7/i5/i3 Q670E LGA1700 Industrial ATX Motherboard
Memory	4x 288-PIN DDR4 3200MHz Up to 128GB
Computer Power Supply	500W 80-Plus Gold ATX Power Supply

I/O		Storage, Expansion & Management	
USB (External)	4x USB 3.2 (Rear), 6x USB 2.0 (Rear) 2x USB3.0 (Front)	Internal Storage	2x SATAIII, 1x M.2 2280 M-key (x2 PCIe)
Serial Ports	1x RS-232 (DB9), 4x RS-232 (Header), 1x RS-232/422/485 (Header)	Expansion	ASMB-RM2F4-11A1 - 2U riser card with 1x PCIe x16 & 2x PCIe x4 expansion
LAN	2x 10/100/1000 Mbps (RJ45)	RAID	RAID 1/0 Supported
Display	1x HDMI, 1x DisplayPort, 1x VGA	vPRO, AMT & TPM	TPM2.0

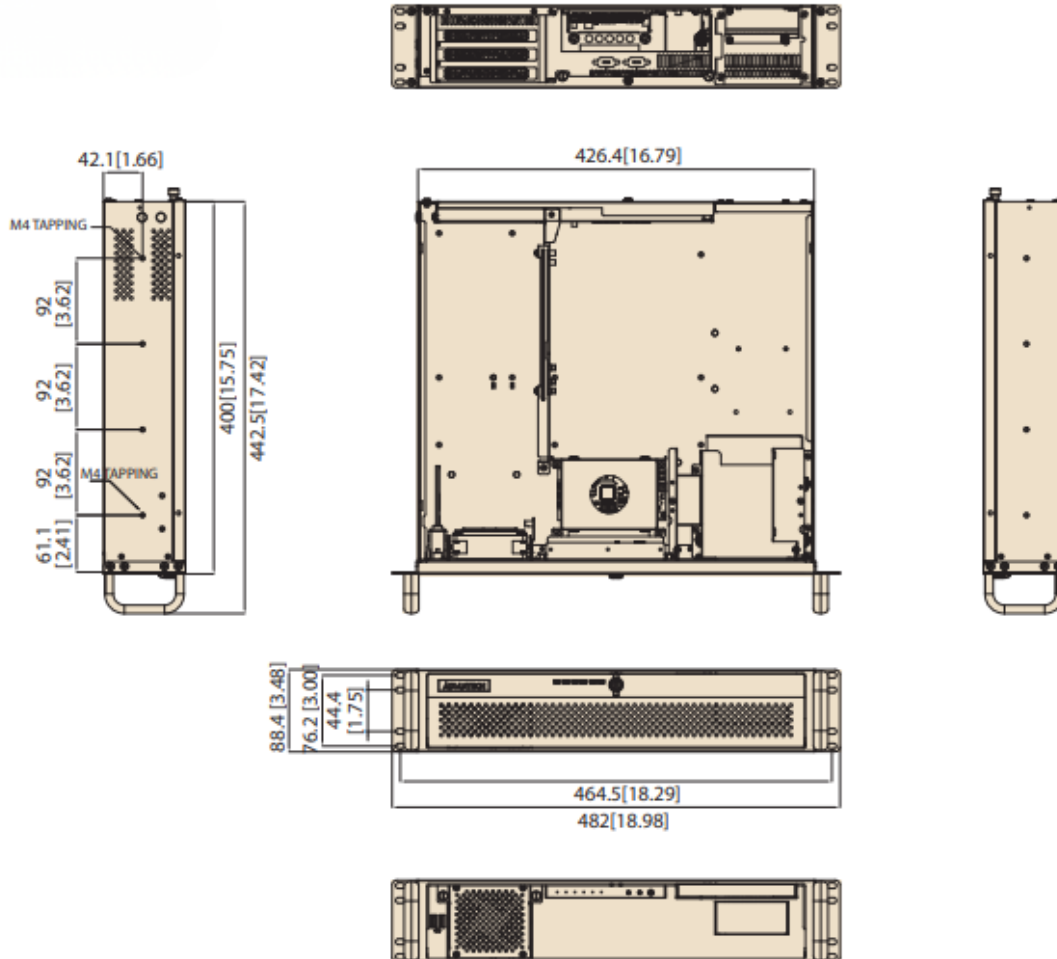
Mechanical, Environmental & Regulatory

Operating Temperature	0°C to +60°C
Dimensions (WxHxD mm)	482 x 88 x 398
Operating System	Windows 11/10, Linux
Mounting Options	-
Market Certifications	CE, RoHS

Other

Warranty	3 Years Return to Base
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Dimensions



Models

VELA-PRF-RPL-2U-i7

2U 13th Gen Intel Core i7-13700E High Performance Industrial Rackmount PC

VELA-PRF-RPL-2U-i9

2U 13th Gen Intel Core i9-13900E High Performance Industrial Rackmount PC