

# VELA-IPC-RPL-2U

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## Key Features

- ◆ 13th Gen Intel Core i7/i5 with up to 16 cores, up to 5.10GHz, 30MB Cache, 65W TDP.
- ◆ Up to 32GB DDR3200 Memory & 1TB PCIe x4 M.2 SSD.
- ◆ Configurable CPU, memory, storage, I/O and OS options available.
- ◆ Built with in-stock components for quick dispatch and long-term support.

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## 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-708G2-00A1 - 14th/13th/12th Gen Intel Core i9/i7/i5/i3 H610E LGA1700 Industrial ATX Motherboard |
| Memory                | 2x 288-PIN DDR4 3200MHz Up to 64GB                                                                   |
| Computer 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                | 1x M.2 2280 M-key (PCIe x2), 1x 3.5" SATA III Bay                    |
| Serial Ports   | 2x RS-232 (DB9), 3x RS-232 (Header), 1x RS-232/422/485 (Header) | Expansion                       | AIMB-RP3PF-21A1E - 2U riser card with 1x PCIe x16 & 2x PCI expansion |
| LAN            | 2x 10/100/1000 Mbps (RJ45)                                      | RAID                            | -                                                                    |
| Display        | 1x HDMI, 1x VGA                                                 | vPRO, AMT & TPM                 | -                                                                    |

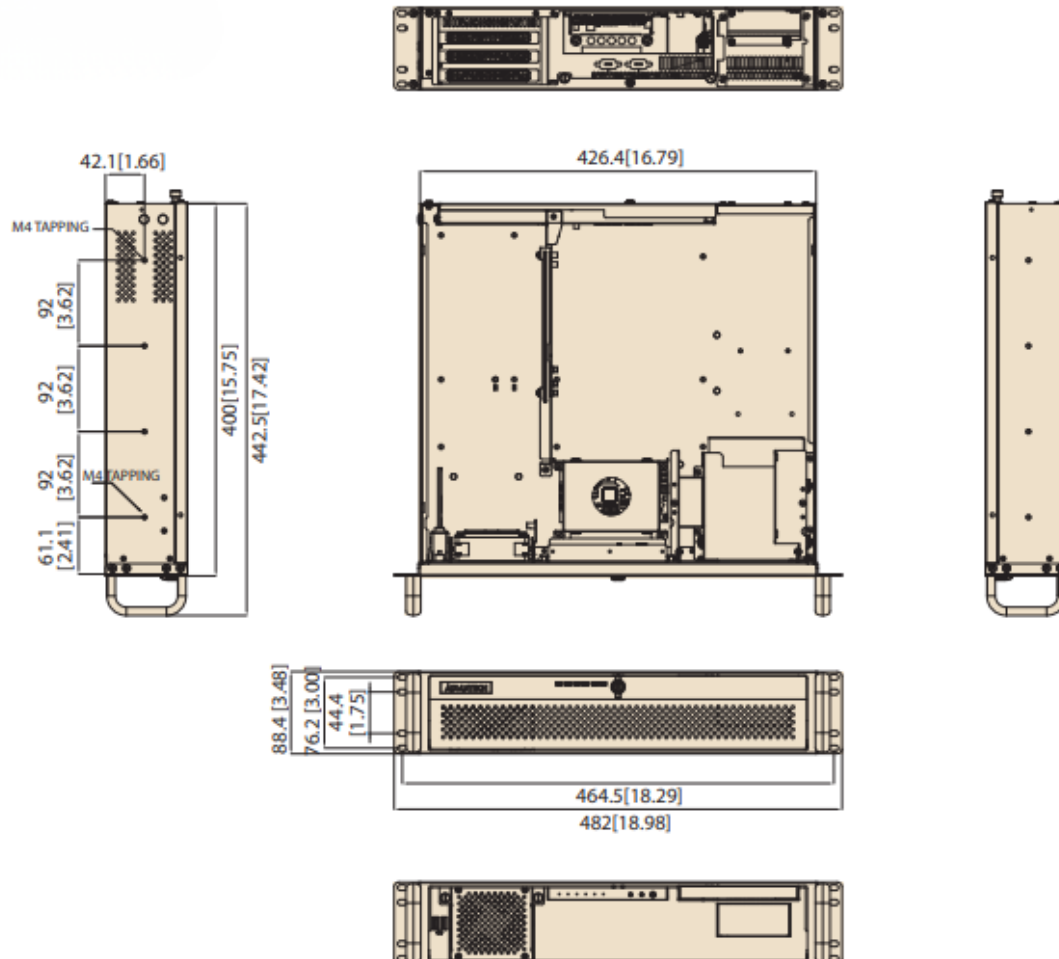
## Mechanical, Environmental & Regulatory

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

## Other

|                 |                        |
|-----------------|------------------------|
| <b>Warranty</b> | 3 Years Return to Base |
|-----------------|------------------------|

## Dimensions



## Models

|                           |                                                          |
|---------------------------|----------------------------------------------------------|
| <b>VELA-IPC-RPL-2U-i5</b> | 2U 13th Gen Intel Core i5-13500E Industrial Rackmount PC |
| <b>VELA-IPC-RPL-2U-i7</b> | 2U 13th Gen Intel Core i7-13700E Industrial Rackmount PC |