

Features



- 12th Gen Alder Lake Core i5 CPU
- Windows 11 Ready
- Dual Storage Capability with 2.5" and M.2
- Mounting kit built onto the unit, no attachment needed
- IP69K Fully Waterproof Stainless Steel Enclosure
- Cable Gland or M12 Connector Options

Technical Specifications

Primary Components

|                  |                                                                           |
|------------------|---------------------------------------------------------------------------|
| Processor Family | Intel Core I series 12th Generation Alder Lake                            |
| Processor Model  | Core i5-1245UE                                                            |
| Processor Speed  | 2x Performance Cores @ 4.4 GHz, 8x Efficient Cores @ 3.3 GHz              |
| Memory Type      | 2x DDR4 SO-DIMM                                                           |
| Memory Support   | 4GB, 8GB, 16GB, 32GB, 64GB                                                |
| Storage Type     | 1x 2.5" SATA Drive Bay for SSD/HDD, 1x M.2 NVME SSD Slot (2242/2260/2280) |
| Storage Support  | M.2 SATA and 2.5": 128GB-1TB                                              |

External I/O Ports

|                |                                     |
|----------------|-------------------------------------|
| USB            | 2x M12 8Pin for USB 1/2 and USB 3/4 |
| Serial / Com   | 2x M12 8-pin for COM                |
| Ethernet / LAN | 1x M12 8pin RJ45 Gbe LAN            |

Power

|                        |                                                                                 |
|------------------------|---------------------------------------------------------------------------------|
| Standard Power Adapter | US Power Cord, AC Input 100 ~ 277V / 47 ~ 63 Hz / DC output 24V, 5A, 120W, IP68 |
|------------------------|---------------------------------------------------------------------------------|

Operating Systems

|         |                                                                |
|---------|----------------------------------------------------------------|
| Windows | Windows 10 IoT, Windows 10 Pro, Windows 11 IoT, Windows 11 Pro |
|---------|----------------------------------------------------------------|

Compatibility

|                   |         |
|-------------------|---------|
| Security Hardware | TPM 2.0 |
|-------------------|---------|

Expansion Slots

|              |                                                                                                             |
|--------------|-------------------------------------------------------------------------------------------------------------|
| Internal M.2 | 1x M.2 2230 Key E (for WiFi expansion option), 1x M.2 3042/3052 Key B (For 4G/5G Cellular expansion option) |
|--------------|-------------------------------------------------------------------------------------------------------------|

Thermal & Environmental

|                       |                             |
|-----------------------|-----------------------------|
| Operating Temperature | 0°C - 40°C (32°F – 104°F)   |
| Storage Temperature   | -20°C - 60°C (-4°F – 140°F) |
| Cooling Solution      | Passive – Fanless           |
| Humidity Range        | 10% – 90% Non-condensing    |
| Storage Humidity      | 10% – 90% Non-condensing    |

Enclosure

|                             |                      |
|-----------------------------|----------------------|
| Material                    | Stainless Steel      |
| IP Rating                   | IP66, IP69K, NEMA 4X |
| Color                       | Stainless Steel      |
| Approved Cleaning Solutions | Warm Water           |

Peripherals & Wireless Connectivity

|           |                        |
|-----------|------------------------|
| Bluetooth | Optional Bluetooth 5.3 |
| Sim Card  | 1x SIM Card Slot       |

Weight / Dimensions

|            |                                          |
|------------|------------------------------------------|
| Weight     | 6.1 kg (13.4 lbs)                        |
| Dimensions | 363 x 48 x 274 mm (14.3 x 1.9 x 10.8 in) |

Certification

|                |         |
|----------------|---------|
| Certifications | CE, FCC |
|----------------|---------|

Warranty

|          |               |
|----------|---------------|
| Warranty | Up to 5 Years |
|----------|---------------|

I/O Diagram Images

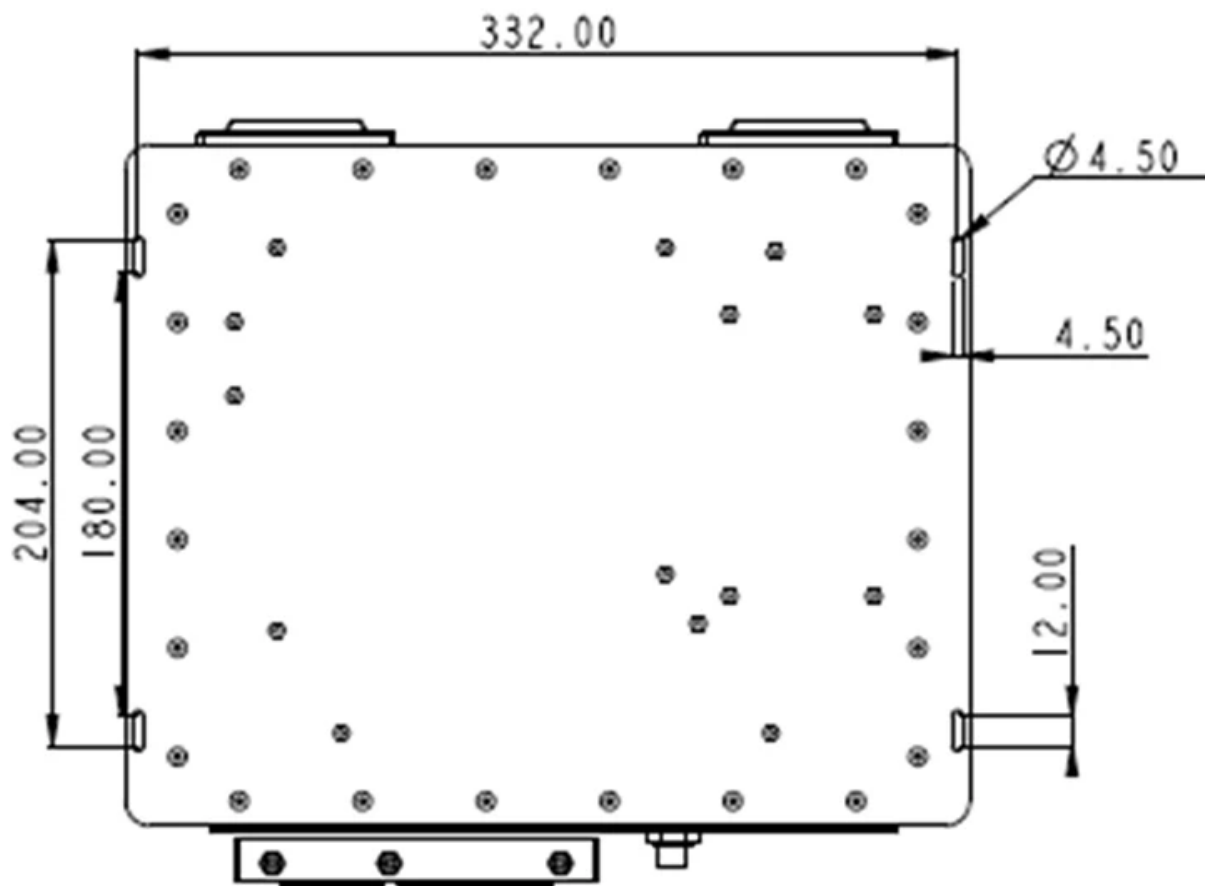
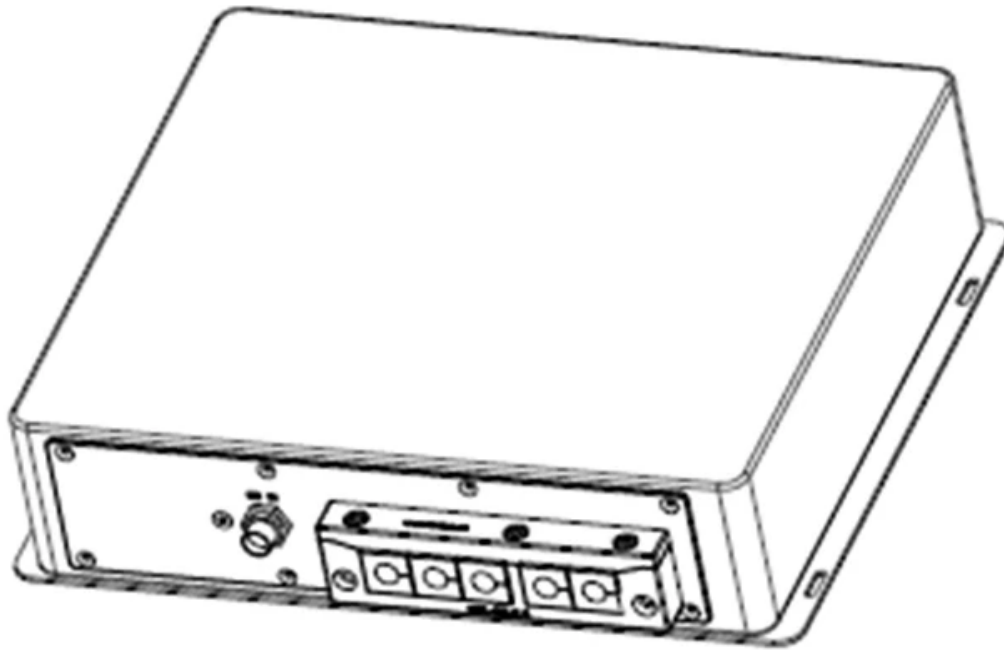


M12 Standard



Optional Cable Gland

## Tech Diagram Images



*All specifications are subject to change without notice.*