

Features:

- 6-core NVIDIA® Carmel Arm® v8.2 64-bit Processor
- 384-core NVIDIA® Volta™ GPU with 48 Tensor Cores
- Fanless system
- 8 x GbE LAN Ports with PoE 15W/Port
- 2 x GbE LAN Ports
- AI, NVR, Surveillance Applications

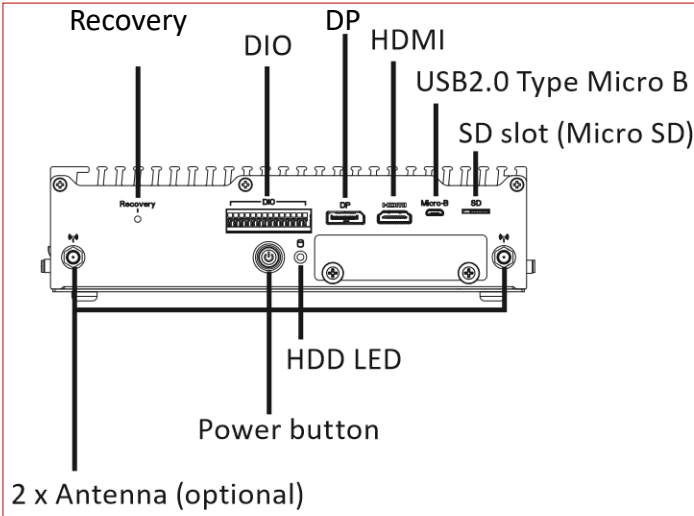


Fanless Design

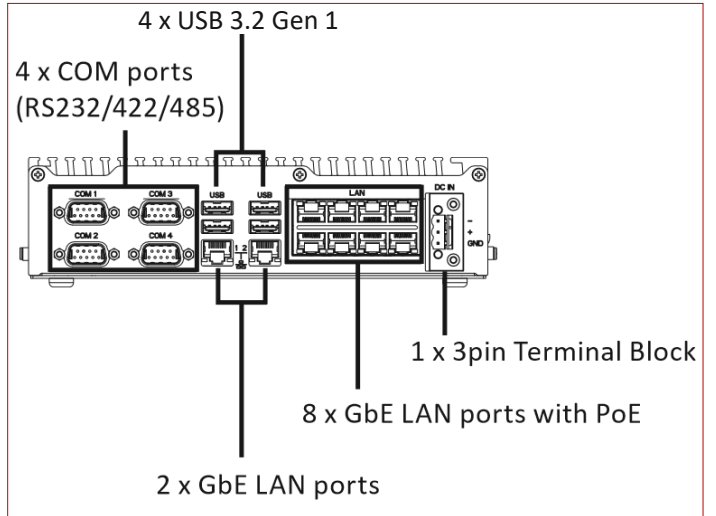


| Primary Component | Description | |
|-----------------------|--|--|
| CPU | 6-core NVIDIA® Carmel Arm® v8.2 64-bit CPU, 6MB L2 cache + 4MB L3 cache | |
| Memory | • 8GB pre-installed , 8GB 128-bit LPDDR4 DRAM 1600MHz (Module) | |
| Ethernet | • 8x GbE LAN Ports with PoE 15W/Port, IEEE802.3af compliant, Total 120W • 2x GbE LAN Ports | |
| Wireless | • Optional (Intel 8265NGW) | |
| Display support | 384-core NVIDIA® Volta™ GPU with 48 Tensor Cores 1x HDMI port, supporting a maximum resolution of 3840x2160 @60Hz 1x DP port, supporting a maximum resolution of 4096x2160 @60Hz | |
| Audio | Realtek ALC269 High Definition Audio | |
| Storage | • 16 GB eMMC pre-installed , 1x 16GB eMMC 5.1 (Module) • 1x SATA 6Gb/s Port (Swappable 2.5" HDD/SSD) | |
| Expansion Slots | • 1x M.2 3052 B-Key • 1x Mini PCIe slot | • 1x M.2 2230 E-Key • 1x SIM slot |
| Front I/O* | • 1x Power button with LED • 1x HDD LED • 1x GPIO (8 bits) • 1x DP • 1x HDMI | • 1x USB 2.0 Type Micro B • 1x SD slot (Micro SD) • 1x Recovery button • 2x External Antenna Holes (Optional) |
| Side I/O | • 4x External Antenna Holes (Optional) | |
| Rear I/O* | • 4x COM Ports (RS-232/422/485) • 4x USB 3.2 Gen 1 • 8x GbE LAN Ports with PoE 15W/Port | • 2x GbE LAN Ports • 1x 3-pin Terminal Block |
| Power | • +12V~54VDC (non PoE) • +54VDC (PoE support) | |
| Operating Environment | Operating: • Temperature: -20°C to 70°C • Humidity: 0-90% (non-condensing) | Non-operating: • Temperature: -40°C to 85°C • Humidity: 0%-95% (non-condensing) |
| Vibration Test | Operating: IEC 60068-2-64, 5 Grms, random, 5 ~ 500 Hz, 1 hr / Per Axis, With SSD | Non-operating: IEC 60068-2-6, 2 G, Sine, 10 ~ 500 Hz, 1 Oct/min, 1 hr / Per Axis |
| Shock Test | Operating: IEC 60068-2-27, 50 G, half sine, 11 ms duration, With SSD | |
| Dimension | 210Wx 169.8Dx 55.2H mm / 8.27"Wx 6.69"Dx 2.18"H | |

Front I/O's



Rear I/O's



Dimensions

unit: mm

