

EDGE¹ TECHNICAL SPECIFICATIONS



| OVERALL SPECIFICATIONS | |
|------------------------|---|
| Dimensions | Height: 20.1 cm Width: 16.709 cm Depth: 14.7 cm |
| Compute Module | NVIDIA TX2 |
| Weight | 1.9 kg |
| Operating Temperature | 0° to 60°C |
| GPU | NVIDIA Pascal™ 256 CUDA cores |
| CPU | HMP Dual Denver 2/2 MB L2 Quad ARM® A57/2 MB L2 |
| Memory | 8 GB 128 bit LPDDR4 59.7 GB/s |
| Storage | 256GB SSD |
| Bolt Attachment | 5/8" -11 |

| BATTERY SPECIFICATIONS | |
|------------------------|-------------|
| Capacity | 13.6 mAh |
| Voltage | 11.1 V |
| Type | Li-ion |
| Energy | 150.96 Wh |
| Net Weight | 4.57 kg |
| Charging Temperature | 0°C to 40°C |
| Max. Charging Power | 76 W |

| WIRELESS | |
|----------|--------------------------|
| WiFi | 802.11a/b/g/n/ac, 802.15 |
| LTE | 2FF - Mini SIM |

| GNSS RECEIVER SPECIFICATIONS | |
|---|---|
| GNSS CHARACTERISTICS | |
| Measurements (Raw Data) | Up to 20 Hz |
| Standard Position Outputs | Up to 20 Hz |
| RTK Position Outputs | Up to 10 Hz |
| Receiver | Dual Frequency GNSS; GPS L1/L2 GLONASS G1/G2 |
| POSITION PERFORMANCE SPECIFICATIONS | |
| Horizontal Position Accuracy (CEP 50 in SPP Mode) | 2.5 m |
| Real Time Kinematic (RTK Accuracy 1σ) | Horizontal: 0.010 m + 1 ppm Vertical: 0.015 m + 1 pp |

| ELECTRICAL & I/O | |
|---------------------------|--|
| Input Voltage | 9 V DC |
| Typical Power Consumption | 95 W |
| Output Voltage | 4.85 V DC |
| Ethernet Support | Up to 100 Mbps |
| USB Support | 1x USB 2.0 (1 Device, 1 Host) 1x USB 3.0 (1 Device, 1 Host) |
| Memory Port | Micro SD |