

PLANET Data Communication Server (1U Form Factor) Technical Specifications



Functional Description

The PLANET Data Communication Server (1U Form Factor) is an equipment that enables mobile communication on the ground and in the air, using terrestrial and satellite networks.

The PLANET Data Communication Server is compatible with Iridium satellite network, as well as terrestrial cellular networks (LTE). It offers local interfaces (Ethernet, USB, Serial, PCIe, WIFI), HDD/SDD storage capacity and includes a GPS receiver for timing and location.

Embedded PLANET application, available through an additional user tablet or PC terminal, provides added value functions such as tracking, messaging and weather data exchange.

Interfaces

- DC-DC Power Supply
- Ethernet (10/100/1000)
- GPS : SMA Female
- IRIDIUM: TNC Female
- LTE: SMA Female
- USB 3.0/2.0
- PCIe
- RS422/485/232

Power Requirements

- Power Supply : 28Vdc, 100W

Features

- Fanless Processor 6th / 7th generation Intel® Skylake-S
- DDR4 SO-DIMM x 2, Max up to 32GB Iridium
- Iridium Modem 9523
- GPS/LTE module
- Operating Temperature : -20 to +70°C

Mechanical Characteristics

- Rack 19" - 1U
- Enclosure: 483.7(W) x 398.5(D) x 44.3(H) mm
- Weight: 5.2 kg

Order Information

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