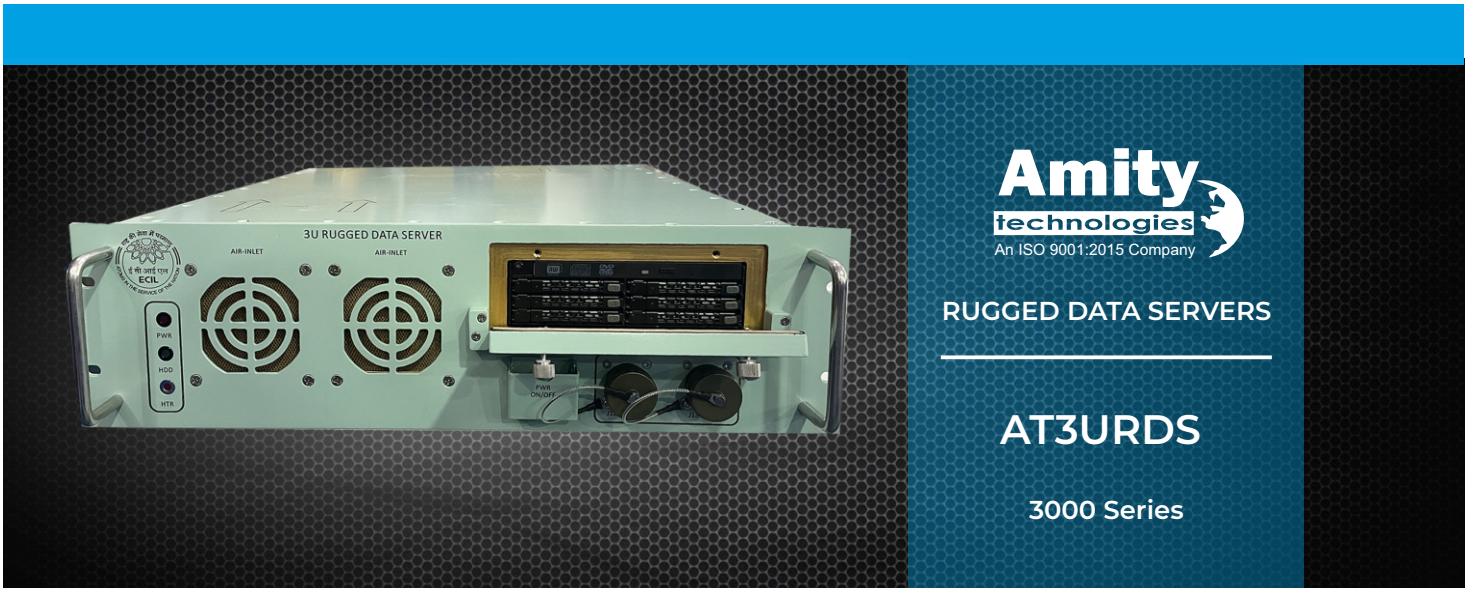


FORCED AIR-COOLED RUGGED SERVER

3U Rugged Data Server

Product Highlights

The AT3URDS Rack Mount Server is a compact, versatile and rugged platform offering high reliability for the most demanding applications. Intel based architecture provides the highest performance available. Active and Passive CPU board options enable maximum flexibility and configuration.

The AT3URDS 3U Server is an extreme duty system designed for military operations and multitude of other rugged industrial applications with a compact design that saves space and weight, the AT3URDS 3U Server offers great value and performance without associated high cost.

Product Particulars

Server Board

2.5” SSD Drive Bay

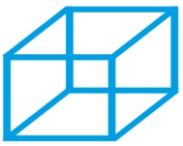
Power Supply

3U Rugged Data Servers

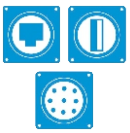
EMI / EMC
MIL-STD 461E / F

ENVIRONMENT
JSS55555 / MIL-STD 810G

LIGHT-WEIGHT



COMPACT SIZE



D38999 SERIES I/Os

TECHNICAL SPECIFICATIONS

CHASSIS

Material : Aluminum

Indicators : Power, Heater & Drive LEDs

Controls : Power On / Off

Cooling : Forced Air

Dimension : 19" x 3U x 550mm

Weight : 25 Kgs Max

SYSTEM BOARD

CPU : Intel Xeon Silver 4410Y

Chipset : Intel latest C741

Primary Memory : 128 GB DDR5

Graphics : Nvidia 4GB Add-On-Card

Software Raid : 1, 5, 10 Levels

OS : Redhat Linux Server

REAR I/O

Rear Inputs : (2) x USB 2.0 MIL
(2) x USB 3.0 MIL
(2) x GbE Ethernet Pin Type
(1) x RJ45 Ethernet Port (MIL)
(1) x 10G SFP+ Rugged Connector
(1) x RS232 Serial MIL
(1) x VGA; (1) x HDMI; (1) x DP (MIL)

DRIVE BAYS

Internal : (4) x 2 TB SSD

Empty Drives : 2 x SSD Drives

Optical Drive : 1 x DVD RW

POWER SUPPLY - Redundant

Power Supply : 230V AC 800Watts

Power Usage : 400 Watts Typical

ENVIRONMENT

Temperature : -20C to +55C

Humidity : 5% to 95%
Non-Condensing

Altitude : Upto 10,000 feet

Vibration : As per JSS55555

Shock : As per JSS55555

EMI/EMC - MIL STD-461F

Radiated Emission : RE101, 102

Radiated Susceptibility : RS 101, 103

Conducted Emission : CE101, 102

Conducted Susceptibility : CS14, 115, 116