



Kortex R



Kortex R is a holistic solution offering high-performance compute, networking and connectivity in a portable chassis, facilitating expeditionary forces, with data center grade services, at the tactical edge. It integrates two Dell XR11 PowerEdge Servers.

With increasing requirements to act swiftly and decisively to emerging challenges, the modular, scalable and sustainable capabilities of Kortex R, are designed for rapid but robust deployments in the worst environments.

Kortex R is designed for portability, requiring minimal installation efforts, making it ideal for early and advanced operational forces.



RUGGED



PORTABLE



SECURE

COMMUNICATE MORE, CARRY LESS

KLAS

Specifications

Physical Specifications

- Exterior (L×W×D): 37.50" x 27.00" x 14.60" (95.3 x 68.6 x 37.1 cm)
Case weight: 52.00 lb (23.6 kg) (no server or Voyager modules)

Construction

- Rugged plastic case with 4U aluminum sheet metal chassis
- Moulded plastic carrying handles
- Pressure equalization valve
- Moulded stacking ribs allow for secure and stable case stacking

Sample Server Specifications

- Dell XR11 MIL-STD and NEBS Level 3 compliant 1U server, available options:
 - Intel Xeon Gold 5318N (24C), 480GB SDD, 128GB RDIMM
 - Intel Xeon Gold 6338N (32C), 480GB SDD, 512GB RDIMM
 - Intel Xeon Gold 8351N (36C), 480GB SDD, 512GB RDIMM
- Support for 800W or dual 1400W PSU for redundancy

Operating Temperature Range

- Dependant on server and Voyager modules installed

Storage Temperature Range

- Dependant on server and Voyager modules installed

Electrical Specifications

- 6 Way horizontal PDU with IEC-20 socket to IEC-13 sockets
- 50/60Hz 100-240 VAC

Key Features

- Field-proven PELI 4U case measuring 37.50" L x 27.00" W x 14.60" H
- Space for two Dell XR11 short-depth servers with Xeon Scalable Gold to Platinum CPU
- Space for two Voyager modules supporting route, switch, compute and radio integration
- Powered from AC power via internal PDU
- Unrivalled shock and vibration protection



Front View



Rear View