

# 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.

## 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



RUGGED



PORTABLE



SECURE

## 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)

## ELECTRICAL SPECIFICATIONS

6 Way horizontal PDU with IEC-20  
 socket to IEC-13 sockets

50/60Hz 100-240 VAC

## 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



Front View



Rear View

### EMEA

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