

# TECHNICAL DATA SHEET

CRID/CMR/AVECGEN/ITB/26/0002

IT AND OFFICE USE

## Annex 1

### 1. PowerEdge R960 Server

Item	Product	Qty
1	PowerEdge R960 [PowerEdge R960 - Full Configuration - [EMEA_R960]]	1

#### Configuration details

Module	Description	SKU	Tax Type	Qty
Base	PowerEdge R960	210-BGPS	SR	1
Trusted Platform Module	Trusted Platform Module 2.0 V3	461-AAIG	SR	1
Chassis Configuration	2.5" Chassis with up to 24 Drives (16 SAS/SATA + 8 NVMe Direct), 4CPU, PERC12	321-BJHP	SR	1
Processor	2x Intel Xeon Gold 6416H 2.2G, 18C/36T, 16GT/s, 45M Cache, Turbo, HT (165W) DDR5-4800	338-CKWB	SR	1
Additional Processor	2x Intel Xeon Gold 6416H 2.2G, 18C/36T, 16GT/s, 45M Cache, Turbo, HT (165W) DDR5-4800	338-CKWB	SR	1
Processor Thermal Configuration	Heatsink for 4 CPU Configuration (CPU less than or equal to 185W, GPU Ready)	412-BBCB	SR	1
Memory Configuration Type	Performance Optimized	370-AAIP	SR	1
Memory DIMM Type and Speed	5600MT/s RDIMMs	370-BBRX	SR	1
Memory Capacity	32GB RDIMM, 5600MT/s, Dual Rank	370-BBRY	SR	32
RAID Configuration	Unconfigured RAID	780-BCDS	SR	1
RAID/Internal Storage Controllers	PERC H965i Controller, Front	405-ABDN	SR	1
RAID/Internal Storage Controllers	Front PERC Mechanical Parts, rear load	750-ADWO	SR	1
Hard Drives	7.68TB SSD SAS Read Intensive up to 24Gbps 512e 2.5in Hot-Plug 1DWPD, AG Drive	345-BELG	SR	8
Hard Drives (PCIe SSD/Flex Bay)	6.4TB Enterprise NVMe Mixed Use AG Drive U.2 Gen4 with carrier	400-BKGI	SR	2

BIOS and Advanced System Configuration Settings	Power Saving BIOS Settings	384-BBBH	SR	1
Advanced System Configurations	No Energy Star	387-BBEY	SR	1
Power Supply	Quad, Redundant(2+2), Hot-Plug PSU, 1800W MM HLAC (ONLY FOR 200-240Vac) Titanium, C16 Connector	450-BBGR	SR	1
Power Cords	Power Cord PDU(Rack) 250V,10A,C15/14, 2M	450-AMKX	SR	4
PCIe Riser	Riser Config 3, 2x16LP Slots (Gen5) + 6x16FH Slots (Gen5)	330-BCFB	SR	1
Motherboard	PowerEdge R960 Motherboard	329-BJSP	SR	1
OCP 3.0 Network Adapters	Intel X710-T4L Quad Port 10GbE Base-T, OCP 3.0 Version 2	540-BFDQ	SR	1
Additional Network Cards	Broadcom 5720 Dual Port 1GbE LOM	540-BDKD	SR	1
NVMe and PCIe Storage Adapters	PERC H965e, Adapter Full Height/Low Profile, DIB	405-BBBV	SR	1
GPU/FPGA/Acceleration Cards	GPU Ready Configuration Cable Install Kit R960	470-BBHC	SR	1
GPU/FPGA/Acceleration Cards	NVIDIA Ampere A16, PCIe, 250W, 64GB Passive, DW, FH GPU, Requires vGPU SW for VDI	490-BHET	SR	2
Cables (Multi)	GPU Factory Installed Cable for 400W, R3	470-BBDT	SR	1
Cables (Multi)	GPU Factory Installed Cable for 400W, R1	470-BBDX	SR	1
Bezel	PowerEdge 4U LCD Bezel	320-BFCM	SR	1
Bezel	Dell Luggage Tag	350-BCMF	SR	1
Boot Optimized Storage Cards	BOSS-N1 controller card + with 2 M.2 960GB (RAID 1)	403-BCRZ	SR	1
Boot Optimized Storage Cards	BOSS Cables, Power/Signal for R960	470-BBCB	SR	1
Embedded Systems Management	iDRAC9, Enterprise 16G	528-CTIC	SR	1
Embedded Systems Management	Dell Connectivity Client - Enabled	379-BFXS	SR	1
Embedded Systems Management	Dell Connectivity Module	634-CYDF	SR	1
Quick Sync	No Quick Sync	350-BCMD	SR	1
Password	iDRAC, Factory Generated Password	379-BCSF	SR	1

IDRAC Service Module	iDRAC Service Module (ISM), NOT Installed	379-BCQX	SR	1
Group Manager	iDRAC Group Manager, Enabled	379-BCQV	SR	1
Rack Rails	2U Combo Drop-In/Stab-In Rails (B19)	770-BEDI	SR	1
Rack Rails	Cable Management Arm, 2U	770-BFCQ	SR	1
SHIPPING	PowerEdge R960 Shipping EMEA1 (English/French/German/Spanish/Russian/Hebrew)	340-DLPV	SR	1
Shipping Material	PowerEdge R960 Shipping Material	340-DGCF	SR	1
Regulatory	PowerEdge R960 CE Marking, No CCC Marking	343-BBVL	SR	1
Order Information	Enterprise Order - EMEA.	800-11671	SR	1
OEM Regulatory	Titanium PSU configuration	389-EFJU	SR	1
Advanced System Configurations	UEFI BIOS Boot Mode with GPT Partition	800-BBDM	SR	1
Operating System	No Operating System	611-BBBF	SR	1
OS Media Kits	No Media Required	605-BBFN	SR	1
System Documentation	No Systems Documentation, No OpenManage DVD Kit	631-AACK	SR	1
Shipping Box Labels - Standard	Order Configuration Shipbox Label (Ship Date, Model, Processor Speed, HDD Size, RAM)	293-10049	SR	1
Dell Services: Hardware Support	Basic Next Business Day 36 Months	709-BBIK	SR	1
Dell Services: Extended Service	ProSupport and Next Business Day Onsite Service Initial, 36 Month(s)	865-BBMY	SR	1
Infrastructure Deployment Svcs	No Field Deployment	883-BBFN	SR	1
Dell Services: Deployment Services	Infrastructure Deployment Selected	883-17666	SR	1
Anti Theft Device & Asset Tagging	Asset Tag - ProSupport (Website, barcode, Onboard MacAddress)	293-10025	SR	1

## 2. FortiGate-101F Firewall Appliance

**Reference source:** submitted product description.

Parameter	Specification
Model	FortiGate-101F
RJ45 GE interfaces	22 x GE RJ45 ports in total
Dedicated WAN interfaces	2 x WAN ports
Dedicated DMZ interface	1 x DMZ port
Management interface	1 x management port
High availability interfaces	2 x HA ports
Switch interfaces	16 x switch ports with shared media arrangement across 4 SFP ports
SFP interfaces	4 x SFP ports
FortiLink uplinks	2 x 10G SFP+ FortiLinks
Onboard storage	480 GB onboard storage
Power supply / redundancy	Dual power supplies with redundancy
Valid License	1 Year