



REFURBISHED ENTERPRISE IT HARDWARE • DOHA, QATAR

PRODUCT DATA SHEET

Dell EMC PowerEdge T440 Server

Two-socket tower server (5U rackable) • Intel® Xeon® Scalable • 16 DDR4 DIMM slots • Up to 8 × 3.5" or 16 × 2.5" drives • Quiet operation for offices and ROBO sites

2 × 16

cores — dual Intel® Xeon® Scalable Bronze, Silver or Gold

16 DIMM

slots — up to 1 TB DDR4 at 2666 MT/s (10 + 6 per CPU)

16 × 2.5"

or 8 × 3.5" hot-plug drives; up to 16 TB per 3.5" drive

5 PCIe

Gen3 slots including one x16 for a 300 W double-width GPU

1+1

hot-plug redundant PSUs: 495 W, 750 W, 1100 W Platinum, 750 W Titanium

iDRAC9

Lifecycle Controller, Redfish API, dedicated RJ45 management port

Tested • Configured to order • 1-year ServerDove warranty • 1-day delivery across Qatar

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Technical content in this document is taken from the Dell EMC PowerEdge T440 Technical Guide (Rev. A10, December 2021). ServerDove supplies this server refurbished, tested and configured to order.

About ServerDove and this data sheet

ServerDove Trading & Services is a Doha-based supplier of refurbished enterprise IT hardware, specialising in Dell PowerEdge and HPE ProLiant servers, enterprise storage, networking equipment, workstations and server components. We serve businesses across Qatar and the wider Middle East with reliable, cost-effective infrastructure for file and print, mail and messaging, workgroup collaboration, virtualisation and web serving in offices, retail and branch sites.

Every Dell EMC PowerEdge T440 Server we sell is professionally inspected, tested and certified before dispatch. Servers are configured to order — choose processors, memory, drive backplane, PERC controller, network adapters and power supplies — and are delivered ready to rack, with optional installation and operating-system deployment.

This data sheet reproduces the technical detail of Dell's own PowerEdge T440 documentation so that you can size, configure and compare the PowerEdge T440 with confidence.

Why buy from ServerDove

- Refurbished, tested and certified Dell PowerEdge hardware at a fraction of new-system cost
- 1-year (365+ day) hardware warranty on every server and component; extended cover up to 3 years
- Configure-to-order builds with burn-in testing, Windows Server or VMware installation
- Genuine Microsoft licences supplied digitally through an authorised vendor
- Rack installation and on-site setup across Qatar; bulk and project pricing
- 1-day delivery across Qatar on orders over QAR 300
- Spare parts, drives, memory, PERC controllers and NICs kept in stock

PowerEdge T440 at a glance

5U tower

rackable tower with 22-inch depth, right for offices or the data centre

Quiet

office-friendly acoustics with up to two fans; optional redundant external fan

12 Gb SAS

PERC 9, 10 and 11 controllers: H330, H730P, H740P, H750, H350, HBA330/350i

BOSS

dual M.2 boot module plus iDSM and vFlash for failsafe hypervisors

2 × 1 GbE

embedded Broadcom 5720 LOM; 10 GbE and FC HBAs via PCIe

Fresh Air

approved configurations operate at 5–40 °C continuously, to 45 °C on excursion

Overview and New Technologies

The Dell EMC PowerEdge T440 tower server delivers powerful two-socket performance, expandability and quiet operation to small-to-medium businesses (SMB) and remote-office/branch-office (ROBO) sites. Its rackable tower form factor, short 22-inch depth and quiet acoustics suit an office or a data centre. The T440 is an excellent fit for office workloads including workgroup collaboration and productivity applications, mail and messaging, file and print serving and web serving.

The T440 features the Intel® Xeon® Scalable processor family with up to 16 DIMMs and five PCIe 3.0 slots. Very large internal storage for this class — up to 8 × 3.5" or 16 × 2.5" drives — eliminates the need for an external storage device, and the platform is virtualisation-ready with two processors, large memory capacity and failsafe-hypervisor protection. It replaces the previous-generation PowerEdge T430.

New technologies

2nd Generation Intel® Xeon® Scalable processors	14 nm process; Intel Ultra Path Interconnect; embedded PCIe lanes for improved I/O; up to 3.8 GHz; max 125 W TDP in this platform.
Intel® C620 series chipset	Intel Platform Controller Hub (PCH).
2666 MT/s DDR4 memory	Up to 16 DIMMs (10 on CPU 1, 6 on CPU 2); 8 GB to 768 GB in balanced configurations, up to 1 TB unbalanced.
iDRAC9 with Lifecycle Controller	Hardware and firmware inventory and alerting, data-centre-level power monitoring and faster performance; dedicated RJ45 iDRAC port.

PowerEdge T440 compared with the T430

Feature	PowerEdge T440	PowerEdge T430
Processors	1st/2nd Gen Intel Xeon Scalable	Intel Xeon E5-2600 v4
Chipset	Intel C620	Intel C610
Memory	Up to 16 × DDR4 RDIMM/LRDIMM (10 + 6)	Up to 12 × DDR4 RDIMM (8 + 4)
Storage	Front: 4 or 8 × 3.5" or 16 × 2.5"; optional optical. Internal: iDSM + vFlash or BOSS (2 × M.2). 12 Gb SAS / 6 Gb SATA	Front: 4 or 8 × 3.5" or 16 × 2.5"; optional optical. Internal: iDSM. 12 Gb SAS / 6 Gb SATA
PCIe slots	Up to 5 × PCIe Gen3	Up to 4 × PCIe Gen3 + 2 × PCIe Gen2 + dedicated PERC slot
GPU support	1 × double-width 300 W GPU	2 × double-width 300 W GPU tested
Storage controllers	S140 software RAID; internal H750, H350, H740P, H730P, H330; external HBA355e, H840, 12 Gb/s SAS HBA; HBA350i, HBA330	S130, H330, H730, H730P; H810/H830 external; chipset SATA/SW RAID
Embedded NIC	2 × 1 GbE (Broadcom 5720 LOM)	2 × 1 GbE (Broadcom 5720 LOM)
Power supplies	495 W, 750 W, 1100 W AC Platinum; 750 W AC Titanium	495 W, 750 W, 1100 W, 1600 W AC Platinum; 750 W Titanium
Remote management	iDRAC9	iDRAC8
iDRAC port	Dedicated RJ45	Micro-USB

Fans	Up to two: internal (1 × 4 type) and external (1 × 5 type)	Up to two
Standard rear ports	2 × RJ45 1 GbE, system ID button, iDRAC Enterprise RJ45, 6 × USB (4 × 2.0, 2 × 3.0), VGA, serial	2 × RJ45 1 GbE, system ID, CMA LED jack, iDRAC RJ45, 2 × USB, VGA, serial, vFlash
PERC	PCIe PERC 9, 10 or 11	Mini-PERC 9

Technical Specification Summary

Form factor	Tower, 5U rack-mountable (rack-mode chassis with optional sliding rails)
Processors	Up to two Intel® Xeon® Scalable processors (Bronze, Silver, Gold); up to 16 cores per processor; 85–105 W TDP
Internal interconnect	Intel UPI up to 10.4 GT/s
Chipset	Intel C620 series
Memory	16 DDR4 DIMM slots (10 on CPU 1, 6 on CPU 2); RDIMM 8/16/32 GB and LRDIMM 64 GB; registered ECC only; up to 2666 MT/s; up to 1 TB
I/O slots	5 × PCIe Gen3: two x4, one x16 (full length), two x8 — all full height
Storage controllers	Software RAID S140 · internal PERC H330, H730P, H740P, H750, H350, HBA330, HBA350i · external PERC H840, HBA355e, 12 Gb/s SAS HBA
Internal boot	BOSS: 2 × M.2 SATA SSDs (240 GB or 480 GB) in RAID 1; Internal Dual SD Module with vFlash
Drive bays	4 × 3.5", 8 × 3.5" or 16 × 2.5" hot-plug; optional DVD-ROM/DVD±RW; slot for internal tape backup unit on 8- and 16-bay configurations
Embedded NIC	2 × 1 GbE Broadcom BCM5720 LOM
Accelerators	One double-width 300 W GPU
Power supplies	495 W, 750 W and 1100 W AC Platinum; 750 W AC Titanium; 750 W mixed mode; cabled 450 W Bronze (non-redundant). Hot-plug with 1+1 redundancy
Cooling	Up to two fans: internal system fan plus optional redundant external fan
Front ports	1 × USB 2.0 · 1 × USB 3.0 · power and system ID buttons · status LEDs · information tag
Rear ports	4 × USB 2.0 · 2 × USB 3.0 · VGA · serial · 2 × RJ45 1 GbE · dedicated iDRAC9 RJ45 · system ID button
Video	Integrated Matrox G200 with iDRAC9; one 15-pin VGA
Embedded management	iDRAC9 with Lifecycle Controller — Basic (default), Express and Enterprise licences; iDRAC RESTful API with Redfish; Quick Sync 2 (optional); IPMI 2.0
Security	TPM 1.2/2.0 (TCM for China) · cryptographically signed firmware · Secure Boot · lockable bezel · cover latch · power-button lockout · System Erase
Operating systems	Microsoft Windows Server with Hyper-V · Red Hat Enterprise Linux · SUSE Linux Enterprise Server · Canonical Ubuntu Server LTS · Citrix Hypervisor · VMware ESXi — see Dell.com/OSsupport
Dimensions	Height 464.4 mm (471.3 mm with feet/bezel) · width 218 mm (307.9 mm with stabiliser feet) · depth 538.4 mm (573.6 mm to rear) · weight up to 29.5 kg (65 lb)

Chassis Views, Ports and Security

The PowerEdge T440 is a two-socket, 5U tower system available in three chassis configurations: 4-drive, 8-drive and 16-drive. The chassis design is optimised for easy access to components and efficient cooling.

Front panel

1	Power button — ACPI graceful shutdown	6	USB 3.0 port
2	System identification button (also resets iDRAC and enables BIOS step-through)	7	Optical drive bay
3	Status LED indicator panel	8	Drive slot for tape backup unit (8- and 16-bay configurations) or blank
4	Information tag with Service Tag, NIC MAC addresses and iDRAC secure default password	9	Physical drives — 3.5" drives or 2.5" drives/SSDs
5	USB 2.0 port		

Rear panel

1	Power supply units (2)	6	VGA port
2	iDRAC9 Enterprise dedicated RJ45 port	7	Serial port
3	NIC ports (2) — integrated 1 GbE	8	System identification button
4	USB 2.0 ports (4)	9	External cooling fan (optional, redundant)
5	USB 3.0 ports (2)	10	PCIe expansion card slots (5)

Security features

Security feature	Description
Cover latch	A tooled latch integrated in the top cover secures it to the system.
Bezel	Optional metal bezel mounted to the chassis front with a lock to prevent unauthorised drive access.
TPM	Trusted Platform Module (1.2 or 2.0) generates and stores keys, protects and authenticates passwords and stores digital certificates.
Power-off security	The BIOS can disable the power-button function.
Firmware and boot	Cryptographically signed firmware, Secure Boot and Silicon Root of Trust; iDRAC9 System Lockdown with Enterprise licence; System Erase of internal storage.

Processors, Chipset and Memory

The T440 features Intel® Xeon® Scalable processors with up to 16 cores and Hyper-Threading, Turbo Boost (excluding Bronze), 85–105 W TDP, 1 TB per socket memory capacity, 1.375 MB last-level cache per core, AVX-512, UPI up to 10.4 GT/s, six DDR4 channels per CPU at 2133/2400/2666 MT/s with two DIMMs per channel, up to 48 PCIe lanes per CPU with x16/x8/x4 bifurcation, PCIe 3.0, per-core P-states, uncore frequency scaling and Energy Efficient Turbo.

Supported processors

Intel Xeon model	Family	Frequency (GHz)	Cores / threads	Cache (MB)	UPI (GT/s)	Turbo	TDP
5222	Gold	3.8	4/8	16.5	10.4	Yes	105 W
5215	Gold	2.5	10/20	13.75	10.4	Yes	85 W
5120	Gold	2.2	14/28	19.25	10.4	Yes	105 W
5118	Gold	2.3	12/24	16.5	10.4	Yes	105 W
4216	Silver	2.1	16/32	22	9.6	Yes	100 W
4215	Silver	2.5	8/16	11	9.6	Yes	85 W
4214R	Silver	2.4	12/24	16.5	9.6	Yes	100 W
4214	Silver	2.2	12/24	16.5	9.6	Yes	85 W
4210R	Silver	2.4	10/20	13.75	9.6	Yes	100 W
4210	Silver	2.2	10/20	13.75	9.6	Yes	85 W
4208	Silver	2.1	8/16	11	9.6	Yes	85 W
4114	Silver	2.2	10/20	13.75	9.6	Yes	85 W
4112	Silver	2.6	4/8	8.25	9.6	Yes	85 W
4110	Silver	2.1	8/16	11	9.6	Yes	85 W
3206R	Bronze	1.9	8/8	11	9.6	No	85 W
3204	Bronze	1.9	6/6	8.25	9.6	No	85 W

The T440 supports up to two processors. With a single processor in CPU 1, the CPU 2 socket and memory blanks must remain fitted for thermal efficiency; the system will not boot with only CPU 2 populated.

Chipset — Intel® C620 series

- ACPI power management rev. 4.0a; PCI Express Base Specification rev. 3.0
- Integrated SATA up to 6 Gb/s; xHCI USB 3.0; Direct Media Interface; SPI and Enhanced SPI; Flexible I/O
- GPIO; LPC, interrupt controller and timers; SMBus 2.0; integrated clock and real-time clock controllers
- Integrated 10/1 Gb Ethernet and 10/100/1000 Mbps MAC; Intel RSTe; AMT and Server Platform Services; VT-d; Trusted Execution Technology; JTAG; Intel Trace Hub

Memory

Up to 1 TB with 16 DIMMs at speeds up to 2666 MT/s. Supports RDIMM and LRDIMM (registered ECC DDR4 only), six channels with two DIMMs per channel; RDIMMs and LRDIMMs cannot be mixed. Platinum-class SKUs support 2666 MT/s while Gold and Silver SKUs in this platform support up to 2400 MT/s memory speed; all DIMMs run at the common speed of the slowest DIMM and the processor limit.

Feature	RDIMM	LRDIMM
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Register / buffer	Yes / No	Yes / Yes
Frequencies	Up to 2666 MT/s	Up to 2666 MT/s
Ranks	Single or dual	Quad
Capacity per DIMM	4, 8, 16 or 32 GB	64 GB
Max DIMMs per channel	2	1, 2
DRAM technology	x4 or x8	x4
Temperature sensor / ECC / SDDC / address parity	Yes	Yes

DIMM type	Rank	Capacity	Single CPU minimum - maximum	Dual CPU minimum - maximum
RDIMM	Single rank	8 GB	8 GB – 80 GB	16 GB – 128 GB
RDIMM	Dual rank	16 GB	16 GB – 160 GB	32 GB – 256 GB
RDIMM	Dual rank	32 GB	32 GB – 320 GB	64 GB – 512 GB
LRDIMM	Quad rank	64 GB	64 GB – 640 GB	128 GB – 1024 GB

Population guidelines and RAS

- Populate the largest-capacity DIMM first (A1, then A2 ...); CPU 2 mirrors CPU 1; maximum two capacities and two rank types per system; x4 and x8 widths may be mixed
- RAS: dense-configuration optimised profile, demand and patrol scrubbing, SDDC, failed-DIMM isolation, memory mirroring, address parity protection, rank sparing and thermal throttling

Storage

PERC offerings

Performance level	Controllers
Entry	PERC S140 software RAID (SATA); on-board SATA ports are not accessible when a mini-PERC is installed
Value	HBA355e, HBA350i, H350, H730P, HBA330, H330, 12 Gb/s external SAS HBA
Value performance	PERC H750, H730P
Premium performance	PERC H750, H840, H740P

PERC 11 (H750, H350, HBA350i) adapters cannot be mixed with previous-generation H740P, H730P, H330 or HBA330 in one system. Tape backup units connect through an HBA330 (with PERC 9/10) or HBA350i (with PERC 11) while the PERC serves the drive backplane.

Supported drives

Form factor	Type	Speed	Rotational	Capacities
2.5"	SATA SSD	6 Gb	—	120 GB boot, 240 GB boot, 240 GB, 400 GB, 480 GB, 800 GB, 960 GB, 1.6 TB, 1.92 TB, 3.2 TB, 3.84 TB, 7.68 TB
2.5"	SAS SSD	12 Gb	—	400 GB, 480 GB, 800 GB, 960 GB, 1.6 TB, 1.92 TB, 3.84 TB
2.5"	SATA	6 Gb	7.2K	1 TB, 2 TB
2.5"	SAS	12 Gb	7.2K	1 TB, 2 TB
2.5"	SAS	12 Gb	10K	600 GB, 1.2 TB, 1.2 TB FIPS SED, 1.8 TB, 2.4 TB, 2.4 TB FIPS SED
2.5"	SAS	12 Gb	15K	300 GB, 600 GB, 900 GB
3.5"	SATA	6 Gb	7.2K	1 TB, 2 TB, 4 TB, 8 TB, 10 TB, 12 TB, 14 TB, 16 TB
3.5"	SAS	12 Gb	7.2K	2 TB, 4 TB, 8 TB, 10 TB, 12 TB, 16 TB; 4 TB, 8 TB, 12 TB FIPS SED

Boot and internal storage

IDSDM with vFlash	Combined module in a dedicated rear slot (proprietary PCIe x1, USB 3.0); microSD 16/32/64 GB for IDSDM and 16 GB for vFlash; options vFlash only, IDSDM only (requires iDRAC Enterprise) or both; on-board write-protect switch
BOSS	Rear PCIe card supporting two 80 mm or 110 mm M.2 SATA SSDs as non-RAID disks or a single RAID 1 volume for OS boot; keeps hot-plug bays free for data; BOSS drives are not hot-plug
Optical	Internal DVD-ROM or DVD±RW

Tape	Internal tape backup unit slot on 8- and 16-drive configurations; external LTO SAS drives via HBA
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Networking, PCIe and Video

Networking

Two embedded 1 GbE ports (Broadcom BCM5720 LOM). Additional Ethernet, 10 GbE, Fibre Channel and converged adapters are supported in the PCIe slots.

PCIe slots

Slot	Height	Length	Link
Slot 1	Full height	Half length	x4
Slot 2	Full height	Half length	x4
Slot 3	Full height	Full length	x16
Slot 4	Full height	Half length	x8
Slot 5	Full height	Half length	x8

The system board has one standard PCIe connector and four Speededge connectors. One double-width 300 W GPU is supported in the x16 slot.

Optional add-in PCIe cards (Dell list)

NIC	Intel PRO/1000 PT dual-port and VT quad-port 1 GbE · Intel 10GBASE-T and 10 GbE SR single-port · Broadcom 57710 10GBASE-T · Broadcom 5709C dual-port 1 GbE with TOE/iSCSI offload · Broadcom NetXtreme II 57711 dual-port 10 GbE DA · Intel Gigabit ET dual/quad-port · Broadcom dual-port 10 GbE SFP+
FC HBA	QLogic QLE2462/QLE220/QLE2460 4 Gb · QLogic QLE2562/QLE2560 8 Gb · Emulex LPe1150/LPe11002 4 Gb · Emulex LPe12000/LPe12002 8 Gb
CNA	QLogic QLE8152 FCoE · Emulex OCE10102FM (FCoE) and OCE10102IM (iSCSI) · Broadcom 57711 iSOE · Intel 10 GbE dual-port FCoE

Current-generation 10/25 GbE, 16/32 Gb FC and other adapters are also supported; ServerDove will confirm compatibility for your configuration.

Video (Matrox G200 with iDRAC9)

Resolution	Refresh	Horizontal frequency	Pixel clock	Rear panel	Front panel
1024 × 768	60 Hz	48.4 kHz	65.0 MHz	Yes	Yes
1280 × 800	60 Hz	49.7 kHz	83.5 MHz	Yes	Yes
1280 × 1024	60 Hz	64.0 kHz	108.0 MHz	Yes	Yes
1360 × 768	60 Hz	47.71 kHz	85.5 MHz	Yes	Yes
1440 × 900	60 Hz	55.9 kHz	106.5 MHz	Yes	Yes
1600 × 900	60 Hz	55.54 kHz	97.75 MHz	Yes	Yes
1600 × 1200	60 Hz	75.0 kHz	162.0 MHz	Yes	Yes
1680 × 1050	60 Hz	64.7 kHz	119.0 MHz	Yes	Yes

1920 × 1080	60 Hz	67.158 kHz	173.0 MHz	Yes	No
1920 × 1200	60 Hz	74.556 kHz	193.25 MHz	Yes	No

Power, Thermal, Acoustics and Rails

Power supply units

PSU	Class	Max heat dissipation	Frequency	Voltage
1100 W AC	Platinum	4100 BTU/hr	50/60 Hz	100–240 V AC auto-ranging (de-rated to 1050 W at 100–120 V AC)
750 W AC	Platinum	2891 BTU/hr	50/60 Hz	100–240 V AC auto-ranging
750 W AC mixed mode	Platinum	2891 BTU/hr	50/60 Hz	100–240 V AC, 10–5 A
495 W AC	Platinum	1908 BTU/hr	50/60 Hz	100–240 V AC auto-ranging
450 W AC (cabled, non-redundant)	Bronze	—	50/60 Hz	100–240 V AC

Up to two hot-swappable AC PSUs with 1+1 redundancy, auto-sensing and auto-switching. Energy Smart PSUs dynamically optimise efficiency while maintaining availability; 1% power-monitoring accuracy; power capping via iDRAC9 Enterprise and OpenManage Power Center; compliant with 80 PLUS, Climate Savers and ENERGY STAR.

Thermal and acoustics

Thermal management provides optimised cooling at the lowest fan speeds across 10 °C to 35 °C and extended ranges, with an internal system fan and optional external redundant fan. The T440 is designed for office environments and Dell's sound-quality standards; for reference, 35 dBA is a quiet office and 45 dBA a normal living room. Fresh Air cooling is supported with configuration limitations.

Rack rails

In rack mode the T440 supports optional sliding rails with tool-less installation in square or unthreaded round-hole racks (including all Dell racks) and native threaded-hole support through the ReadyRails II interface, plus an optional cable management arm mountable on either side without tools.

Supported operating systems

Microsoft Windows Server LTSC with Hyper-V · Red Hat Enterprise Linux · SUSE Linux Enterprise Server · Canonical Ubuntu Server LTS · Citrix Hypervisor · VMware ESXi. See Dell.com/OSsupport for versions. ServerDove can pre-install Windows Server or VMware ESXi on servers purchased with drives.

Additional Specifications and Environmental

System dimensions

Dimension	Value
Xa — width with stabiliser feet	307.9 mm (12.12 in)
Xb — chassis width	218 mm (8.58 in)
Ya — chassis height	430.3 mm (16.94 in)
Yb — height with feet	464.4 mm (18.28 in)
Yc — height with bezel	471.3 mm (18.56 in)
Za — front bezel / ear depth	37.1 mm with bezel (1.45 in); 21.2 mm without (0.83 in)
Zb — chassis depth	538.4 mm (21.19 in)
Zc — overall depth	573.6 mm (22.58 in)

Chassis weight

Configuration	Maximum weight
4 × 3.5" drive system	23.9 kg (52.69 lb)
8 × 3.5" drive system	29.5 kg (65.03 lb)
16 × 2.5" drive system	27.7 kg (61.06 lb)

USB

Front panel	Back panel
1 × USB 2.0 · 1 × USB 3.0	4 × USB 2.0 · 2 × USB 3.0

Environmental

Operating temperature	10 °C to 35 °C (50 °F to 95 °F) continuous, no direct sunlight, for altitudes below 950 m (3117 ft)
Expanded (Fresh Air) operation	Continuous 5 °C to 40 °C at 5–85% RH, 29 °C dew point; ≤1% of annual operating hours –5 °C to 45 °C at 5–90% RH
Temperature de-rating	Up to 35 °C: –1 °C per 300 m above 950 m · 35–40 °C: –1 °C per 175 m above 950 m · 40–45 °C: –1 °C per 125 m above 950 m
Storage temperature	–40 °C to 65 °C (–40 °F to 149 °F); maximum gradient 20 °C/h
Relative humidity	Operating 10% to 80% with 29 °C maximum dew point; storage 5% to 95% with 33 °C maximum dew point, non-condensing
Altitude	Operating 3048 m (10,000 ft); storage 12,000 m (39,370 ft)
Vibration	Operating 0.26 Grms at 5–350 Hz; storage 1.88 Grms at 10–500 Hz for 15 min

Shock	Operating six 6 G pulses up to 11 ms; storage six 71 G pulses up to 2 ms
Particulate contamination	ISO Class 8 per ISO 14644-1 for data-centre use; MERV11/MERV13 filtration; air free of conductive dust and zinc whiskers; corrosive dust deliquescent point below 60% RH
Gaseous contamination	Copper coupon corrosion <300 Å/month (class G1, ANSI/ISA 71.04-1985); silver coupon corrosion <200 Å/month (ASHRAE TC9.9)

Standards compliance

Standard	Specification
ACPI	Advanced Configuration and Power Interface v2.0c
Ethernet	IEEE 802.3-2005
HDG	Hardware Design Guide v3.0 for Microsoft Windows Server
IPMI	Intelligent Platform Management Interface v2.0
DDR4 memory	DDR4 SDRAM specification (JESD79-4)
PCI Express	PCI Express Base Specification rev. 2.0 and 3.0
PMBus	Power System Management Protocol v1.2
SAS	Serial Attached SCSI v1.1
SATA	Serial ATA rev. 2.6; SATA II, SATA 1.0a extensions rev. 1.2
SMBIOS	System Management BIOS reference specification v2.7
TPM	Trusted Platform Module specification v1.2 and v2.0
UEFI	Unified Extensible Firmware Interface v2.1
USB	Universal Serial Bus rev. 2.0

Dell EMC OpenManage Systems Management

Dell EMC OpenManage helps IT administrators deploy, update, monitor and manage servers in physical, virtual, local and remote environments, in-band and out-of-band (agent-free). The key tools are the embedded iDRAC9 with Lifecycle Controller and the one-to-many OpenManage Enterprise console, integrated with frameworks from VMware, Microsoft, Ansible and ServiceNow.

iDRAC9 with Lifecycle Controller	Embedded in every PowerEdge server; deploy, update, monitor and maintain with no additional software, independent of OS or hypervisor. iDRAC Direct front port, RESTful API with Redfish, optional Quick Sync 2 wireless module, vFlash, Easy Restore, Server Lockdown mode (Enterprise/Datacenter licence). Licences: Basic (default), Express and Enterprise upgrades.
Server and chassis managers	Integrated Dell Remote Access Controller (iDRAC) · iDRAC Service Module (iSM)
Dell EMC consoles	OpenManage Enterprise · OpenManage Enterprise Power Manager plug-in · Repository Manager (DRM) · OpenManage Mobile (OMM) · OpenManage Power Center
Automation enablers	OpenManage Ansible Modules · iDRAC RESTful APIs (Redfish) · Standards-based APIs (Python, PowerShell) · RACADM CLI · GitHub scripting libraries
Integrations with third-party consoles	OpenManage Integrations with Microsoft System Center · OpenManage Integration for VMware vCenter (OMIVV) · OpenManage Ansible Modules · OpenManage Integration with ServiceNow · BMC Truesight
Connections for third-party consoles	IBM Tivoli Netcool/OMNIBus and Network Manager IP Edition · Micro Focus Operations Manager i · OpenManage Plug-in for Nagios Core and XI
Update utilities	Dell System Update (DSU) · Repository Manager (DRM) · Update Packages (DUP) · Server Update Utility (SUU) · Platform Specific Bootable ISO (PSBI)
Standards	IPMI 2.0; SMBIOS 2.7; Redfish; DCMI 1.5; WSMAN

Support technologies (for systems under Dell contracts)

SupportAssist	Automated proactive and predictive technology that detects issues, creates cases and alerts before they become critical.
TechDirect	Self-dispatch of replacement parts, technical support requests, API integration and Dell certification training.
ProSupport / ProSupport Plus	Dell hardware and software support with next-business-day or four-hour mission-critical response. Refurbished {short} units supplied by ServerDove are covered by the ServerDove warranty — see Where to Buy.

Where to Buy — ServerDove



Request a quote or configure your Dell EMC PowerEdge T440 Server

Talk to our team or request a custom configuration. We respond during business hours (Doha, Qatar) and typically reply instantly on WhatsApp.

ServerDove Trading & Services

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Web: www.serverdove.com

Dell EMC PowerEdge T440 Server
listings:
serverdove.com/collections/dell-poweredge-t440

ServerDove warranty

All hardware and components supplied by ServerDove are covered by the ServerDove 1-year (365+ day) warranty; any defective part is replaced at our cost. Cover includes motherboard, processors, memory and DIMM slots, RAID controller and battery, PCIe risers and NICs, hard drives and power supplies. Extended warranties of up to 3 years are available on request. Claims: email support@serverdove.com with your order number and a brief description of the issue. Software or application support is not covered; ServerDove supports Windows Server or VMware installation on servers purchased with drives from us.

Services from ServerDove

- **Configure a server** — processors, memory, drives, PERC, network adapters and power supplies matched to your workload, assembled and burn-in tested
- **Installation services** — rack or on-site installation and setup across Qatar; Windows Server or VMware installation
- **Bulk orders** — project and volume pricing for system integrators, data centres and enterprises
- **Hardware support and warranty** — 1-year (365+ day) warranty with extended cover up to 3 years; replacement parts at our cost
- **Spares and upgrades** — DDR4 RDIMMs and LRDIMMs, PERC H330/H730P/H740P controllers and batteries, BOSS cards, SAS/SATA drives, PCIe NICs and HBAs, fans and power supplies
- **Delivery** — 1-day delivery across Qatar on orders over QAR 300

About ServerDove

ServerDove is a trusted supplier of refurbished enterprise IT hardware, specialising in Dell PowerEdge servers, HPE ProLiant servers, enterprise storage, networking equipment, workstations and server components. Based in Doha, Qatar, we serve businesses across the Middle East with reliable, cost-effective IT infrastructure solutions. Our mission is to make enterprise-grade technology accessible by providing professionally tested and certified refurbished servers and hardware at competitive prices. Every product undergoes thorough inspection, testing and quality assurance to ensure performance and reliability in production environments. We work with organisations of all sizes, including SMBs, enterprises, system integrators and government entities.

Related products at serverdove.com

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