

PET640SAM1#M1C

Dell PowerEdge T640 Tower Server, No CPU, No RAM, No HDD, No OS

Product Overview

Dell PowerEdge T640 Server, NO CPU, Supports 2x Xeon Processors, iDRAC, Factory Generated Password, iDRAC Group Manager Enabled, Chassis with up to 18x 3.5 SAS/ SATA Hard Drives, Tower Configuration, Tower Standard Bezel for T640, Dell EMC Logo Push Pin, PowerEdge T640 Shipping Material, No Quick Sync for Tower, Performance Optimized, NO MEMORY, Supports DDR4-2933MT/s RDIMM Dual Rank memory, iDRAC9 Enterprise, NO HDD, PERC H740P Adapter RAID Controller without Bracket, NO Heat Sink, No Internal Optical Drive, Single Hot-plug Power Supply (1+0) 1100W, South African Spare Power Cord 220V, No Trusted Platform Module, On-Board LOM, Power Saving Dell Active Power Controller, Unconfigured RAID, OME Server Configuration Management, iDRAC Digital License, No Additional Mid Fan for T640, No Operating System, No Systems Documentation, No OpenManage DVD Kit



Specifications

Overview:

PowerEdge T640 Tower Server -

Powerful, versatile and scalable

Scale as your workloads evolve, with peak 2-socket server performance and huge internal storage capacity.

Features:

Accelerate modern workloads with a scalable platform

The PowerEdge T640 is a versatile, powerhouse server ideal for mid-sized offices, remote sites and data centers. The T640

ComX Computers

Product Specification Sheet

combines powerful performance and massive internal storage capacity in a rack or tower platform. Address a wide range of workloads and future-proof your data center with flexible storage, performance and I/O options.

Great for:

- Server virtualization, desktop virtualization
- Consolidation
- Database, business analytics (BI) and intelligence
- Applications and imaging for medical, finance, education and science
- ERP, CRM, HPC
- Software-defined technologies

Adapt and scale with greater versatility

Meet evolving business needs with the scalable business architecture of the PowerEdge T640. Accelerate demanding workloads and plan for future growth with cost-effective, in-server expansion.

- Deliver fast insights with up to 8 NVMe drives and 2 x 10GbE connections.
- Scale compute resources with Intel Xeon Scalable processors that deliver a 27% increase in cores and 50% increase in bandwidth over the previous generation.
- Address massive data growth with up to 18 x 3.5" or 32 x 2.5" drives and 8 PCIe slots.
- Provide advanced imaging and VDI with up to 4 x 300W GPU accelerators.

Enhance productivity with intelligent automation

Dell OpenManage intelligent automation enables you to spend less time on routine maintenance so you can focus on business-critical priorities.

- Help maximize uptime with proactive diagnostics and automated remediation that increase productivity up to 90%.
- Leverage existing management consoles with easy integrations for VMware vSphere, Microsoft System Center and Nagios.
- Improve productivity with agent-free Dell iDRAC9 for automated management.
- Simplify deployment with OpenManage next-generation console and server profiles to configure and prep servers rapidly and scalably.

Protect your business with integrated security

A comprehensive, cyber-resilient architecture with security embedded into every server helps to protect your data.

- Protect server configuration and firmware from malicious changes with new Configuration Lock-down.
- Use system erase of local storage to help ensure data privacy when you repurpose or retire servers.
- Automate updates that check file dependencies and proper update sequence, before deploying them independently from the OS/hypervisor.
- Take control of your firmware consoles with embedded authentication that is designed to allow only properly signed updates to run.

Specifications:

© 2019 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (<http://www.comx.co.za>), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications

Product Code	PET640SAM1#M1C
Processor	Up to two Intel Xeon Scalable processors, up to 28 cores per processor
Memory	24 DDR4 DIMM slots, supports RDIMMS/LRDIMMS, speeds up to 2666MT/s, 3TB
	Up to 12 NVDIMM, 192GB max
	Supports registered ECC DDR4 DIMMs only

ComX Computers

Product Specification Sheet

Storage Controllers	Internal controllers: PERC H730P, H740P, HBA330, H330, Software RAID (SWRAID) S140
	External PERC (RAID): H840
	External HBAs (non-RAID): 12 Gbps SAS HBA
	Boot Optimized Storage Subsystem: HWRAID 2 x M.2 SSDs 120GB or 240GB
Drive Bays	Up to 8 or 18 x 3.5" SAS/SATA (HDD/SSD) max 216TB or up to 16 x 2.5" SAS/SATA (HDD/SSD) max 61TB or up to 32 x 2.5" SAS/SATA (HDD/SSD) max 122TB or up to 16 x 2.5 SAS/SATA (HDD/SSD) + 8x NVMe SSD max 112TB
GPU	GPU options: 4 x 300W (DW) or 8 x 150W (SW)
	NVIDIA Tesla P100, P40, K80M, M60, M10, AMD S7150, S7150X2
Power Supplies	Titanium 750W, Platinum 495W, 750W, 1100W, 1600W, 2000W and 2400W, 48VDC 1100W, 240HVDC 750W
	Hot plug power supplies with full redundancy
	Up to 8 fans with N-1 redundancy (6 hot-pluggable fans and 2 external fans)
Dimensions	Form factor: Tower or rack, 5U
	Max depth: 708.7 mm
Bezel	Optional Security bezel
I/O and Ports	2 x 10GbE LOM
	8 x USB (1 x USB 2.0. 1 x USB 3.0, 6 x USB 2.0/3.0)
	Dedicated iDRAC Direct Micro-USB
	Video card: VGA
	Up to 8 PCIe Gen3 slots
Supported Operating Systems	Canonical Ubuntu LTS
	Citrix XenServer
	Microsoft Windows Server with Hyper-V
	Red Hat Enterprise Linux
	SUSE Linux Enterprise Server
	VMware ESXi

ComX Computers

Product Specification Sheet

Management	Embedded / At-Server
	iDRAC9 with Lifecycle Controller (Express, Enterprise)
	iDRAC Direct
	iDRAC REST API with Redfish
	Quick Sync 2 BLE/wireless module
	Consoles
	OpenManage Enterprise
	OpenManage Essentials
	OpenManage Power Center
	Mobility
	OpenManage Mobile
	Tools
	iDRAC Service Module
	OpenManage Server Administrator
	OpenManage Storage Services
	Dell Repository Manager
	Dell System Update
	Dell Server Update Utility
	Dell Update Catalogs
	OpenManage Integrations
	Microsoft Systems Center
	VMware vCenter
	BMC software (available from BMC)
	OpenManage Connections
	Nagios Core and Nagios XI
	HPE Operations Manager i (OMi)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/PET640SAM1-M1C-Dell-PowerEdge-T640-Tower-Server-No-Buy-p-234326.php>

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: <https://www.comx-computers.co.za/terms-of-use.php>

Terms of Sale: <https://www.comx-computers.co.za/terms-of-sale.php>

PDF generated: 2026-10-17 13:51:41.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

ComX Computers

Product Specification Sheet

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.