Dell PowerEdge T20

The quiet and compact PowerEdge™ T20 mini tower server packs large internal storage capacity and capable performance designed to deliver efficient and worry-free operation in your small or home office.

Get organized

The Dell™ PowerEdge™ T20 helps you improve access to information, simplify processes and get more done in less time.

• Eliminate misplaced and lost data, images and videos due to "sneaker-net" file sharing. Users can share files and collaborate with a central file storage to eliminate the headaches of having multiple copies and versions of files spread out among users.

• Consolidate business information, images and videos stored on multiple media and media types in multiple locations. With the T20's large internal storage capacity of a server, you can store data centrally, where it can be easily shared.

Reap the benefits

Depending on your needs, you can attain greater efficiency and productivity for your home or office.

• Save time when moving or copying files between locations. A server offers faster data transfers compared to external storage, cloud storage or email.

• Attain better business-transaction response times.

Quiet, compact and affordable design

With its compact size and low sound levels, the T20 easily integrates into your environment and helps reduce costs.

• Quiet home and office level acoustics: The small form factor and desk-side acoustics allow you to install the T20 virtually anywhere.

• Reduce costs and reliance on the cloud by storing data and running applications on an in-house server.

Take it to the next level

The PowerEdge T20 can help you consolidate business information and media files with up to six

internal hard drive bays supporting large storage capacity and a large memory capacity with four DIMM slots to experience enhanced application response times and crisp video performance. With a choice of Intel® Xeon® or Pentium® multi-core processors you can drive applications and media quickly. Added flexibility with four PCI/PCIe slots allow you to grow at your own pace, while up to 12 USB (four USB 3.0) ports to attach more devices to boost performance.

Secure and manageable

The T20 makes it easy to secure your data and files with software RAID. Safeguard against data loss with built-in support for file duplication using a software-based redundant array of independent disks (RAID). Error Correction Code (ECC) memory adds another layer of data protection.

The PowerEdge portfolio

The PowerEdge family is engineered with the right combination of features and performance scalability to handle tough workloads for businesses and organizations of all sizes.

PowerEdge T20

• Specifically designed for small office/ home office

• Quiet home and office level acoustics

• Large storage capacity with six internal hard drives

• Up to 12 USB (four USB 3.0) ports

Feature	PowerEdge T20 Technical Specifications
Form factor	Mini tower (14.17"h x 6.89"w x 17.12"l)
Processors	Choose from: Intel® Xeon® Intel® Pentium®
Processor socket	1
Chipset	Intel C226
Memory	4 UDIMM slots, support up to 32GB 1600Mhz DDR3
I/O slots	Up to 4 slots: 1 PCIe X16 G3 1 PCIe x16 G2 (x4 speed) 1 PCIe x1 G2 1 PCI slot
RAID controller	Intel Rapid Storage Controller 12.0 supporting SATA 6Gb/s (2 ports-SATA0, SATA1) SATA 3Gb/s (2 ports+ SATA2, SATA3) 4 SATA connectors (for hard drives and optical)
Drive bays	Up to six internal (cabled) hard drives in total: • Up to four 3.5" SATA hard drives, plus • Up to two 2.5" SATA hard drives (require expansion kits) with optional controller card
Maximum internal storage	13TB (four x 3.5" 3TB; two x 2.5" 500G)
Embedded NIC	Intel 82579 Gigabit Ethernet LAN 10/100
Power supply	290W
Availability	Error Correction Code (ECC) memory; software RAID
Operating systems	Microsoft Windows Server® 2012 R2 Red Hat® Enterprise Linux® 6.5 and above

Global services and support

Dell is dedicated to simplifying IT, and Dell Services can help you manage the complexities of growing and maintaining your scale-out environments. Dell's broad portfolio of planning, implementation and maintenance services can help accelerate your IT initiatives and grow your business. Dell services can be tailored to complement how you manage your environment. Options include, but are not limited to consulting services to help you optimize your data center, custom rack integration, and expert-level support to ensure maximum system uptime.

Learn more at Dell.com/PowerEdge