



Enterprise Tower Servers

DT-1X-xTB

The DT-X tower servers are reliable, easy to manage, and scalable one-socket servers. They are designed to provide the flexibility, performance and scale needed to support the high camera counts, megapixel resolutions, high frame rates and long retention times demanded by the industry. Optimized to work with Ganz® CORTROL Series Surveillance software.

Features:

- JBOD (No Raid) Network Video Recorder (NVR) servers for up to 128 channels
- Advanced Intel® Xeon® E-2124 processor
- 4x DDR4 DIMM slots, supports UDIMMs, speeds up to 2666MT/s, 64GB max.
- Internal HDD configurations from 4TB to 60TB
- Matrox G200eW3 16MB video adapter with VGA output
- 16GB of RDIMM 2666MT/s memory
- iDRAC9 basic
- Pre-installed with 64bit Windows® Server 2019 OS on 1TB Mechanical HDD
- The advanced cooling system ensures optimal performance & long-term reliability

DT-XX-xTB

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Models

Tower Server - up to 40 IP Cameras and DVD Writer	
DT-1X-4TB	Up to 40 IP Cameras, 5U Server, 1x Xeon, 4TB storage, DVD-RW, iDRAC8 Basic
DT-1X-12TB	Up to 40 IP Cameras, 5U Server, 1x Xeon, 12TB storage, DVD-RW, iDRAC8 Basic
DT-1X-30TB	Up to 40 IP Cameras, 5U Server, 1x Xeon, 30TB storage, DVD-RW, iDRAC8 Basic
DT-1X-60TB	Up to 40 IP Cameras, 5U Server, 1x Xeon, 60TB storage, DVD-RW, iDRAC8 Basic

Specifications

DT-1X-xTB	DT-1X-xTB - Intel® Xeon®
Power Supply	Dual, Hot-plug, redundant power supply (1+1), 750W
Form Factor	5U Chassis with up to 8 x 3.5" hot-pluggable bays
Operating System	Windows Server 2019 (Dedicated 1TB Mechanical HDD)
NIC	Dual port 1GB network card
DVD/CD RW	-
Storage (SATA-3Gb/s-7200 RPM)	4TB ~ 60TB internal
Graphics Card	Dual port 1GB network card
CPU	Advanced Intel® Xeon® E-2124 processor
RAM	6GB of RDIMM 2666MT/s memory
Chassis Dimensions (W x D x H)	8.58" x 23.7" x 16.94" / 218mm x 603 mm x 430.3mm *Note: These metrics do not include PSU handle, bezel, or tower foot
Chassis Weight	55.67 lb. / 26 kg

All specifications are subject to change without notice.

Rack and Rails

DT-4R	Chassis with up to 4, 3.5" Hot Plug Hard Drives, Embedded SATA, Rack Configuration
DT-8R	Chassis with up to 8, 3.5" Hot Plug Hard Drives, Rack Configuration
DT-Rails	ReadyRails™ Sliding Rails Without Cable Management Arm
DT-Bezel	Dell Front Bezel

IP Camera Capacity Chart

Camera	Resolution	Channels	IPS	Bit Rate Per Channel
D1	704x480	128	30	1.8Mbps
0.9 Megapixels	1280x720	56	30	4.5Mbps
2.1 Megapixels	1920x1080	25	30	10Mbps
3 Megapixels	2048x1536	16	30	15.2Mbps
5 Megapixels	2592x1944	10	30	24.2Mbps

**Chart assumes the following: IP cameras utilizing H.264 compression, running RAID-6, 30 days, Continuous, NVR client not running on server. Performances may vary based upon camera & motion settings. Call for custom configurations.

**For warranty and technical support details, go to ganzsecurity.com/dell-emc