

IBM System Storage TS7650G ProtectTIER De-duplication Gateway



Highlights

- ***Simplify and accelerate information protection.***
- ***Help lower operational cost and energy usage.***
- ***Manage more data with less infrastructure.***

The IBM System Storage™ TS7650G ProtectTIER™ De-duplication Gateway solution meets the disk-based data protection needs of the enterprise data center while enabling significant infrastructure cost reductions. The solution offers high-performance in-line data de-duplication, optional two node clustering, and up to 1 petabyte (PB) of physical storage capacity per system. Combined with IBM storage, the ProtectTIER Gateway solution provides an optimal disk-based target for backup and archive data.

The TS7650G is designed to simplify information retention and availability for your information infrastructure. The TS7650G combines a virtual tape library solution with in-line data de-duplication powered by IBM's patent-pending HyperFactor™ technology. This technology enables significant savings in disk requirements and costs.

The IBM System Storage TS7650G ProtectTIER De-duplication Gateway features:

- *Performance—up to 900MB/s sustained in-line de-duplication per cluster*
- *Scalability—up to 1 PB per system*
- *LTO Tape Emulation*
- *Multiple configuration options*
- *Simplified deployment*

The IBM System Storage TS7650G ProtectTIER De-duplication Gateway solution is an enterprise-class, data protection platform designed to quickly

and safely protect business information while reducing the amount of space required for storage—customers can experience up to 25X storage capacity reduction.

Deploying the IBM System Storage TS7650G ProtecTIER De-duplication Gateway solution can help organizations more efficiently protect their corporate data on disk-based storage while helping them manage the exponential growth of new data through reduction or elimination of duplicate data in their backups.

For more information

To learn more about the IBM System Storage TS7650G ProtecTIER De-duplication Gateway, please contact your IBM marketing representative or IBM Business Partner, or visit the following Web sites:

- ibm.com/systems/storage/virtualization
- ibm.com/systems/storage/tape



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IBM System Storage TS7650G ProtecTIER De-duplication Gateway Hardware at a glance

Form factor/height	Rack/4U per chassis
Base unit	x3850 M2/x3950 M2 [2631]
Processor	4x Intel® Quad Core Xeon® Processor X7350 (2.93 GHz) [3050, 3475]
Memory	8x 4 GB PC2-5300 CL5 ECC DDR2 SDRAM RDIMM [3937]
Memory exp. card	Memory Expansion Card [4894]
Hard drives	2x 146 GB 10 K 2.5-inch Hot-Swap SAS [5534]
Bay fillers	2x 2.5-inch HDD Filler [0804]
Optical drive	UltraSlim Enhanced Multi-Burner [4157]
Network interface	Integrated dual Gigabit Ethernet w/TCP-IP off-load engine
Power supply	1440 W 220 V 2/2 [1991]
RAID controller	ServeRAID-MR10k SAS/SATA [3557]
RAID configuration	Mirror SAS set (RAID1) [8142]
Expansion cards (a)	2x Emulex 4 GB FC Dual-Port PCI-Express [1699]
Expansion cards (b)	2x QLogic 4 Gb FC Dual-Port PCI-Express [3568]
Expansion cards (c)	PRO/1000 PT Dual Port Server Adapter [2944]



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