

Hitachi / Gateway GS2040 Technical Specifications	
Raw capacity	120TB SATA 36TB SAS
Internal disk drives (SAS, unless otherwise noted)	450GB (15K RPM) 600GB (15K RPM) 1TB SATA II (7200 RPM) 2TB SATA II (7200 RPM)
Host interfaces	Fibre Channel: 4Gb/sec iSCSI: GigE
Minimum/maximum number of disk drives	4 – 60
Number of controllers	1 or 2
Maximum host connections (per controller)	2 Fibre Channel or 2 iSCSI
Maximum attached hosts through virtual ports (per controller)	256
Backend SAS links (per controller)	8
Maximum number of LUNs	2048
Maximum LUN size	60TB
RAID Support	<ul style="list-style-type: none"> • RAID-0 (SAS drives only) • RAID-1 • RAID-1+0 • RAID-5 • RAID-6
Maximum number of RAID groups	50
Availability	
Nondisruptive component replacement	Major FRU
Nondisruptive hot-pluggable disks	YES
Nondisruptive microcode updates	YES
Call home service	Hi-Track [®] Monitor
Performance	
Controller cache (per controller)	2GB
Cache binding	Hitachi Cache Residency Manager
Logical cache partitioning	Hitachi Cache Partition Manager
Software	
Management software	Hitachi Storage Navigator Modular 2
Thin provisioning	Hitachi Dynamic Provisioning software
Remote copy (over IP and Fibre Channel networks)	Hitachi TrueCopy [®] Synchronous and Hitachi TrueCopy Extended Distance software
Point-in-time copy	Hitachi ShadowImage [®] Replication and Hitachi Copy-on-Write Snapshot software
Backup	Hitachi Data Protection Suite, powered by CommVault [®]
Heterogeneous data replication	Hitachi Dynamic Replicator
LUN change ownership	LUN Manager
Online LUN grow/LUN shrink	YES

Online RAID group expansion	YES
Dynamic storage tuning to move data between RAID groups	Modular Volume Migration software
Role based system security	Account Authentication and Audit Logging
Host storage domains	Virtual Storage Ports, Multiple LUN0/port
Storage system–based “write once, read many” (WORM) data protection	Hitachi Data Retention Utility software
Storage management security	SSL/TLS
Maintenance port security	SSL/TLS
SNMP agent support	YES
Performance monitor	YES
Heterogeneous SAN management	Hitachi Storage Command Suite software
Operating Systems Support	<ul style="list-style-type: none"> • Microsoft® Windows® 2000, Windows Server 2003, Windows Server 2008, Hyper-V™ • VMware • IBM® AIX® • HP-UX • HP Tru64 UNIX • Novell NetWare • Oracle Enterprise Linux • Red Hat • SUSE • Asianux • HP OpenVMS • Apple MAC OS • IBM z/OS®, when externally attached to models of the Hitachi Universal Storage Platform® family • Sun Solaris <p>Contact your sales representative for details</p>