

## Hitachi Virtual Storage Platform



<b>Raw Capacity</b>	1,843TB (900GB 2.5" SAS) 2,521TB (2TB 3.5" SATA) 102TB (400GB SSD)
<b>Solid State Drive Options</b>	200GB 2.5" 400GB 2.5" 400GB 3.5"
<b>Hard Disk Drive (HDD) Technology Options</b>	146GB SAS (2.5" 15K RPM) 300GB SAS (2.5" 10K RPM) 600GB SAS (2.5" 10K RPM) 900GB SAS (2.5" 10K RPM) 2TB SAS (3.5" 7,200 RPM) 2TB SATA II (3.5" 7,200 RPM)
<b>Encryption Technology Options</b>	Encrypting back-end director license for internal storage media and volumes
<b>Back-end Disk Interface</b>	6Gb/sec SAS
<b>Minimum to Maximum Number of Drives</b>	0 – 2,048 2.5" and/or 1,280 3.5", including spares
<b>Maximum Number of Flash Drives</b>	256
<b>Maximum 3.5" Disk Expansion Trays</b>	16 (13U, 80 3.5" HDD)
<b>Maximum 2.5" Disk Expansion Trays</b>	16 (13U, 128 2.5" HDD)
<b>Model Upgrade Options</b>	Rackmountable virtual storage director
<b>Controllers</b>	Hierarchical Star Network architecture
<b>Host Interfaces</b>	FC: 8Gb/sec IBM® FICON®: 8Gb/sec FCoE: 10Gb/sec
<b>Maximum Port Host Connections</b>	192 FC 176 FICON 96 FCoE
<b>Fibre Bandwidth to Host</b>	153,600MB/sec
<b>Bandwidth to Drives</b>	38,400MB/sec 8 back-end directors, 64 total 6Gb/sec SAS links
<b>Active Loops per Number of HDDs</b>	2 SAS links up to 128 drives
<b>LUNs</b>	65,280
<b>RAID Configuration</b>	RAID-1+0, RAID-5, RAID-6
<b>Cache Options</b>	48GB to 1TB

Note: FC = Fibre Channel; FCoE = Fibre Channel over Ethernet  
Please refer to the matrix for software or unified storage to view other HDS products.



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