



IntraStor® Product Comparison Guide

Standard Features

International Volume Manager
 Microsoft® Volume Shadow Copy Service (VSS) Support
 Oracle® RMAN Support

Licensed Features

Snapshot
 Clustering and Load Balancing
 StorAR – Asynchronous Replication

Host OS Supported

Microsoft® Windows® 2000/XP/Server 2003
 Sun Solaris v8 and v9
 HP-UX 11i / RedHat 8.0 and 9.0

Specifications

IP3000



IP5500



IP7500



Storage Controllers

	IP3000	IP5500	IP7500
Storage Controller (SC) Cache	2 GByte	2 GByte	2 GByte
Min SC in Configuration	1	1	2
Max SC In Cluster	1	2	4
Cluster Technology	Not Applicable	2-Way Active/Active Cluster	N-Way Active/Active Cluster
Load Balancing / Clustering	Not Applicable	Licensed Option	Included
SC Network Interface	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
SC Network Interface Type	1000BaseT	1000BaseT	1000BaseT
SC Interface Protocol	iSCSI	iSCSI	iSCSI
RAID Levels Supported	1, 0, 10	1, 0, 10	1, 0, 10
Max Disk Enclosures Supported	2	4	8
Storage Scalability (TB) – Raw	8 TB (250 GB disk) 12.8 TB (400 GB disk)	16TB (250GB disk) 25.6TB (400GB disk)	24 TB (250 GB disk) 51.2TB (400GB disk)

Disk Enclosures

	IP3000	IP5500	IP7500
High Availability	Supported	Supported	Supported
DE Network Interface	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
DE Network Interface Type	1000BaseT	1000BaseT	1000BaseT
Max Disks per DE	16 disks		
Supported DE Types	DE 5200, DS300*		
Supported Disk Types	250 GB, 7,200 rpm P-ATA disk 400 GB, 7,200 rpm S-ATA disk		

Management

Management Interfaces Supported	GUI, CLI/telnet, SSL, SSH, and scripting support. Simple Network Management Protocol (SNMP) v2, MIB-II support, Intrinsa Enterprise MIB		
Management Application	StorControl:		
Enterprise Mgt App Support	IBM Tivoli HP OpenView CA Unicenter NetIQ		
Remote Application	Supported	Supported	Supported
Side-Band Management Interface	10/100/100Mbps Ethernet		

* Release Q305

Enviromental	IP3000	IP5500	IP7500
AC Power	110 - 240V AC	110 - 240V AC	208V AC (US) 240V AC
SC Power Consumption	150W (typical) 300W (maximum)	150W (typical) 300W (maximum)	N/A
DE Power Consumption	400W (typical) 700W (maximum)	400W (typical) 700W (maximum)	N/A
SC Heat Dissipation	520 BTUs/hr	520 BTUs/hr	N/A
DE Heat Dissipation	1400 BTUs/hr	1400 BTUs/hr	N/A
Integrated Rack System	Not Supported	Optional 25U rack - IP 5500	Standard Configuration
Rack Power Consumption	N/A	N/A	5,000W (typical) 6,200W (maximum)
Rack Heat Dissipation	N/A	N/A	18,500 BTUs/hr (typical) 22,650 BTUs/hr (max)
Integrated UPS	Not Supported	Optional	Standard Option

Ethernet Switch Compatibility Matrix

Host Access and Storage Delivery Network

Vendor	Switch Model
Cisco Systems	2970 and 2970TS
Dell	Power Connect 5224 and 5324
Extreme Networks	Summit 400, 5i, and 7i
Foundry Networks	Edgelron 24G and 48G
Foundry Networks	FastIron 400
HP	ProCurve 2824
Intel	ES480TR
Nortel Networks	Baystack 5510-48T
SMC	8624T and 8648T

UPS Compatibility Matrix

IP Series	Product
IP7500 and IP5550	APC 7,500VA UPS

Supported iSCSI Host Compatibility Matrix

Vendor	Model	Driver Version	Firmware	OS Supported
Adaptec	ASA7211C	1.20.0.31	1.20.32	Microsoft 2000 / 2003 Server
Cisco	-	3.4.0.3	-	Red Hat Linux 8.0 / 9.0
Intel	Pro/10000 T IP	4.0.8.15	4.6.87.1	Microsoft 2000 / 2003 Server, Red Hat 8.0 / 9.0 Linux
Microsoft	-	1.05	-	Microsoft 2000 / 2000 Server
QLogic	QLA4010C	3.0.3	1.00.00.08	Solaris SPARC 8.0 / 9.0