

## **HIGHLIGHTS**

#### **UNIFIED STORAGE**

• Consolidate SAN, NAS and cloud in a single system to enjoy powerful storage features and simplify deployment and management

#### **EFFICIENCY**

- Integrated cloud based storage reduces the cost of deploying applications from the cloud
- EonStor GS family makes efficient use of available bandwidth and greatly speeds up data extend when uploading data to the cloud with its data reduction technology
- With various built-in services including proxy, LDAP, syslog and VPN server to assist enterprises simplify their IT environment deployment.

### **EXCEPTIONAL COST PERFORMANCE**

- High Block/file level Performance, it delivers up to 700K IOPS, 23,000MB/s block and 17,000MB/s CIFS bandwidth.
- Future-proof expansion solution offers ample data capacity of up to 1792 drives.
- Comprehensive data services, including SSD Cache and automated storage tiering improve performance and speed up data access.
- Support for all-flash and hybrid configurations provides flexibility of choice to meet your needs.
- Select from a wide range of product series and multiple host options.

The volume of digital data currently being produced is growing at unprecedented rates, in big part due to our increasing demand for unstructured data types such as files, images and videos, which push the boundaries of storage capacity and performance. Because of this, many organizations are making cloud storage, with its cost-effective flexibility and infinite scalability, an integral part of their strategy. Now more than ever, choosing a local storage solution that can easily integrate with cloud services is a must

EonStor GS family is a unified storage solution that incorporates remote cloud storage into local applications to offer the best of both worlds - unlimited cloud storage and high performance local storage - as well as automatic data lifecycle management, to allow SMBs and SMEs running local SAN/NAS applications to easily and cost-effectively integrate and expand their storage architecture into cloud services.

### Powerful All-around High Performance & Efficiency

Based on much improved hardware and firmware, EonStor GS family can handle file level protocols including CIFS/SMB, NFS, AFP and FTP; block level protocols such as Fiber Channel, iSCSI, SAS and InfiniBand.

By integrating all of these protocols and harnessing the power of Intel's multicore CPU, EonStor GS family delivers not only outstanding flexibility but also incredible performance in two configurations: all-flash and hybrid. As an all-flash system, it delivers up to 700K IOPS, 23,000MB/s block and 17,000MB/s CIFS bandwidth. Moreover, by offering hybrid features such as SSD Cache, protocol translation between local NAS/SAN and cloud storage services, and automated storage tiering, EonStor GS family guarantees exceptional performance at every level of operation.

This great performance and efficiency can also be found in our cloud storage integration thanks to deduplication and compression features, which ensure the efficient use of bandwidth to effectively extend data to the cloud and lower overall costs.

**GS** Portfolio

#### GS 5000 GS 4000 GS 3000 • CPU: Intel Xeon E5 8C • Max. RAM: 1024GB Performance . CPU: Intel Broadwell-DF 4C/6C · 16 Host Boards GS 2000 Drive side 12Gb/s SAS Max. RAM: 256 GB • Max. RAM: 256GB CPU: Intel Broadwell-DF 4C · Four Host Boards · Supports up to 1792 disks • Max. RAM: 128 GB Drive side 12Gb/s SAS Drive side 12Gb/s SAS . Max data ports: 64 ports • CPU: Intel Avoton 4C Max. RAM: 64 GB · Four Host Boards · Supports up to 896 disks · Supports up to 896 disks Drive side: 12Gb/s SAS • Two Host Boards • Drive side: 12Gb/s SAS · Max data ports: 24 ports Supports up to 896 disks Max data ports: 24 ports · Supports up to 448 disks Max data ports: 16 ports Series

\* The above specifications are based on redundant system

## **EonStor GS Family**

#### **CLOUD READY**

- The EonStor GS can integrate with cloud storage, and data can be optimally allocated between EonStor GS and Cloud through our smart algorithms, so users can enjoy the best performance and the safest storage.
- EonStor GS offers comprehensive cloud integration functions for users to choose from: Cloud Tiering, Cloud Cache and Cloud Backup.
- Support for private and public cloud services enables users to choose the option that best suits their budget or data security requirements

#### **AVAILABILITY & RELIABILITY**

- SMB 3.0 failover and multipathing support.
- Dual controllers and non-single-point-offailure hardware design ensure system continuity in case of faults.
- Cache protection with Super capacitor and Flash to ensure data safety
- IDR support ensures all hard drives are healthy to prevent from rebuild

### **DATA PROTECTION & SECURITY**

 Whether inactive or mid transfer, data is always encrypted to ensure full protection from malicious attacks

### SIMPLICITY

 EonOne management interface provides a single control center for system management and resources monitoring

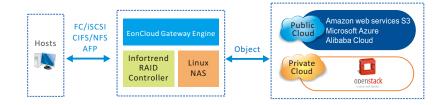
### SYMMETRIC ACTIVE-ACTIVE CONTROLLERS

- Symmetric active-active controllers
- Automatically reconnected I/O during path failure

### Infinite Storage Capacity on Cloud

One of the key benefits of cloud storage solutions is their unlimited scalability and flexible "scale on demand" model, which allows you to expand your storage capacity as needed, without upfront investment, to fit your capacity requirements as they evolve.

By integrating Intelligent EonCloud Gateway Engine and supporting a wide range of both private cloud and public cloud services, including Amazon, Azure, and the EonStor GS offers various cloud functions such as Cloud Tiering, Cloud Cache and Cloud Backup to make the most of cloud's advantages. These functions perfectly combine local and cloud storage, automatically and optimally allocating data, while saving setup and maintenance costs in the process.



### **Comprehensive Data Protection and Security**

As security is of utmost importance when it comes to data storage in the cloud, the EonStor GS family provides AES 256bit Encryption for data-in-flight and data-at-rest, as well as self-encrypting drives (SED) compatibility, ensuring data is always protected from malicious threats. Furthermore, with integrated SSL, links between server and client are also encrypted.

Security threats are by no means the only concern when it comes to safeguarding data. Unexpected disk failures, natural disasters and power outages all up the risk of data loss. EonStor GS family ensures this risk is minimal with its integrated backup functions such as Intelligent Drive Recovery (IDR), snapshot, local replication, remote replication and file-level rsync.

The system supports built-in SMB 3.0 failover and multipathing to handle failures. Also, designed with redundant dual controllers and non-single-point-of-failure hardware components, it ensures business continuity at all times.

## Symmetric active-active controllers

EonStor GS supports symmetric active-active controller configuration to minimize administrative effort and boost operation efficiency. Hosts can access the same LUNs simultaneously via both controllers. I/O are more equally distributed across both controllers and all paths, effectively minimizing costly path management time. In the event of a path failure, I/O can automatically continue through the remaining paths with little or no failure.



	CAL SPECIFICATION	ONS		EonStor GS Family			
Specification	ns (per system)	GS 1000Gen2	GS 2000 GS 2000T <sup>*1</sup>	GS 3000 GS 3000T <sup>*1</sup>	GS 4000 GS 4000T <sup>*1</sup>		
	2U 12-bay	V	V	V			
	2U 24-bay	V	V	V (T model unavailable	e) V		
orm factor	2U 25-bay 3U 16-bay	V	V	V V	V		
	4U 24-bay	v	V	V V	V		
	4U 60-bay	V	V	V V			
Controller	40 00-bay		Dual-redundant/ Single	upgradable to redundant			
Max drives		448	896 (with expansion board)	896 (with expansion board)	896 (with expansion board)		
Max SSD cad	che pool	1.6TB	3.2TB	3.2TB	3.2TB		
	ıp techniques			r + Flash module	0.2.15		
	Power supplies	Redundant / hot-swappable		(GS 3000/4000) Redundant/hot-sv (GS 3060L) Redundant/hot-swappa	wappable: 530W x 2 (80 PLUS Bronze) able: 1200W x 2 (80 PLUS Platinum)		
ower supply	v unit AC voltage	100VAC @ 8A to 240VAC @ 4A		(GS 3000/4000) 100VAC @ 10A to 240VAC @ 5A (GS 3060L) 100-127VAC @ 12.47A, 200-240VAC @ 7.08A			
	(with PFC (auto-switching))						
	Frequency		60 Hz	47-63 Hz			
			nt mode, allowing full operation with half the				
CPU		2x Intel Avoton (Atom) 4 Core	2x Intel Broadwell-DE (Pentium) GS 2000/GS 2000T: 2 Core/4 Core	2x Intel Broadwell-DE (Xeon) GS 3000/GS 3000T: 4 Core/6 Core	2x Intel Broadwell-DE (Xeon) GS 4000/GS4000T: 4 Core/6 Cor		
) h · · · ·		Default DDR3 16GB	Default DDR4 16GB	Default DDR4 16GB	Default DDR4 16GB		
Cache memo	ory	Up to 32GB or 64GB	Up to 32GB, 64GB or 128GB	Up to 32GB, 64GB, 128GB or 256GB	Up to 32GB, 64GB, 128GB or 2560		
Лах. number	r of host board	2	4	4	4		
)nboard SAS	S expansion ports	2 x 12Gb/s SAS wide ports	2 x 12Gb/s SAS wide ports	4 x 12Gb/s SAS wide ports	4 x 12Gb/s SAS wide ports		
xpansion bo	nard	0	2	2	2		
	ourd	Note: The expansion board can only be i	nstalled in the HB2 slot and has 2 x 12Gb/s	SAS ports only connectable with expansion	enclosures.		
Inhoord	avorged parts	0	0	0	16		
uno ard con	overged ports	Note: GS 4000 onboard converged port	supports 4-Port 8 Gb/s FC , 2-port 16Gb/s	FC, 4-port 10GbE FCoE and 4-port 10GbE is	SCSI.		
nboard iSC	SI ports (10Gb RJ-45)	0	0	4	0		
nboard iSC	SI ports (1Gb RJ-45)	8	8	4	0		
		4 x 16Gb/s FC ports	4 x 16Gb/s FC ports	4 x 16Gb/s FC ports	4 x 16Gb/s FC ports		
		(No Remote Replication support) 4 x 1Gb/s iSCSI ports	(No Remote Replication support) 4 x 1Gb/s iSCSI ports	(No Rémote Replication support) 4 x 1Gb/s iSCSI ports	(No Remote Replication support 4 x 1Gb/s iSCSI ports		
		2 x 10Gb/s iSCSI ports (SFP+)	2 x 10Gb/s iSCSI ports (SFP+)	2 x 10Gb/s iSCSI ports (SFP+)	2 x 10Gb/s iSCSI ports (SFP+		
		2 x 10Gb/s iSCSI ports (RJ-45)	2 x 10Gb/s iSCSI ports (RJ-45)	2 x 10Gb/s iSCSI ports (RJ-45)	2 x 10Gb/s iSCSI ports (RJ-45		
		2 x 40Gb/s iSCSI ports (QSFP)	2 x 25Gb/s iSCSI ports (SFP28)	2 x 25Gb/s iSCSI ports (SFP28)	2 x 25Gb/s iSCSI ports (SFP28		
		2 x 12Gb/s SAS ports	2 x 40Gb/s iSCSI ports (QSFP)	2 x 40Gb/s iSCSI ports (QSFP)	2 x 40Gb/s iSCSI ports (QSFP) 2 x 56Gb/s InfiniBand ports		
ost board po	orts	Converged host board:	2 x 56Gb/s InfiniBand ports (for Linux only, block level only)	2 x 56Gb/s InfiniBand ports (for Linux only, block level only)	(for Linux only, block level only)		
		<ul><li>4 x 8Gb/s FC ports</li><li>2 x 16Gb/s FC ports</li></ul>	2 x 12Gb/s SAS ports	2 x 12Gb/s SAS ports	2 x 12Gb/s SAS ports		
		- 4 x 10Gb/s iSCSI ports (SFP+)	Converged host board:	Converged host board:	Converged host board:		
		r x rodb, o rodor porto (orr r )	- 4 x 8Gb/s FC ports	- 4 x 8Gb/s FC ports	- 4 x 8Gb/s FC ports		
			- 2 × 16Gb/s FC ports - 4 × 10Gb/s FCoE ports	- 2 x 16Gb/s FC ports - 4 x 10Gb/s FCoE ports	- 2 × 16Gb/s FC ports - 4 × 10Gb/s FCoE ports		
			- 4 x 10Gb/s iSCSI ports (SFP+)	- 4 x 10Gb/s iSCSI ports (SFP+)	- 4 x 10Gb/s iSCSI ports (SFP+		
		Note: 1. The two controllers must have i	dentical slot settings. 2. Fibre channel su	pports point-to-point and switch mode.			
	onboard ports (max.)	16	24	24	32		
ost board +	•	8	16	16	32		
	C ports		16	16	24		
lost board + lax. 8Gb/s F( lax. 16Gb/s l	•	8					
lax. 8Gb/s F0	FC ports	0	16	16	32		
lax. 8Gb/s F0 lax. 16Gb/s l lax. 10 GbE f	FC ports FCoE ports			16 20	32 16		
lax. 8Gb/s F0 lax. 16Gb/s l lax. 10 GbE l lax. 1 GbE/iS	FC ports FCoE ports	0	16				
lax. 8Gb/s F0 lax. 16Gb/s l lax. 10 GbE f lax. 1 GbE/i lax. 10 GbE/i	FC ports FCoE ports SCSI ports	0 16	16 24	20	16		
ax. 8Gb/s F0 ax. 16Gb/s I ax. 10 GbE I ax. 1 GbE/is ax. 10 GbE/i ax. 10 GbE/i	FC ports FCoE ports GCSI ports ISCSI (SFP+) ports	0 16 8	16 24 16	20 16	16 32		
ax. 8Gb/s F0 ax. 16Gb/s I ax. 10 GbE f ax. 1 GbE/iS ax. 10 GbE/i ax. 10 GbE/i ax. 25 GbE/i	FC ports FCoE ports GCSI ports ISCSI (SFP+) ports ISCSI (RJ45) ports	0 16 8 4	16 24 16 8	20 16 12	16 32 8		
ax. 8Gb/s F0 ax. 16Gb/s I ax. 10 GbE F ax. 1 GbE/iS ax. 10 GbE/i ax. 10 GbE/i ax. 25 GbE/i ax. 40GbE/i	FC ports FCoE ports GCSI ports ISCSI (SFP+) ports ISCSI (RJ45) ports ISCSI (RJ45) ports	0 16 8 4 0	16 24 16 8 8	20 16 12 8	16 32 8 8		
ax. 8Gb/s F( ax. 16Gb/s I ax. 10 GbE F ax. 1 GbE/is ax. 10 GbE/i ax. 10 GbE/i ax. 25 GbE/i ax. 40GbE/i ax. 56Gb/s	FC ports FCoE ports SCSI ports ISCSI (SFP+) ports ISCSI (RJ45) ports ISCSI (SFP28) ports SCSI (QSFP) ports InfiniBand ports	0 16 8 4 0 4	16 24 16 8 8	20 16 12 8 8	16 32 8 8		
ax. 8Gb/s FG ax. 16Gb/s I ax. 10 GbE I ax. 1 GbE/iS ax. 1 GbE/iS ax. 10 GbE/i ax. 10 GbE/i ax. 25 GbE/i ax. 40GbE/i ax. 56Gb/s ax. 12Gb/s	FC ports FCoE ports SCSI ports ISCSI (SFP+) ports ISCSI (RJ45) ports ISCSI (SFP28) ports SCSI (QSFP) ports InfiniBand ports	0 16 8 4 0 4	16 24 16 8 8 8 8	20 16 12 8 8	16 32 8 8 8		
ax. 8Gb/s F( ax. 16Gb/s I ax. 10 GbE I ax. 10 GbE/i ax. 10 GbE/i ax. 10 GbE/i ax. 25 GbE/i ax. 40GbE/i ax. 56Gb/s ax. 12Gb/s ax. number	FC ports FCoE ports GCSI ports ISCSI (SFP+) ports ISCSI (RJ45) ports ISCSI (SFP28) ports SCSI (QSFP) ports InfiniBand ports SAS ports	0 16 8 4 0 4	16 24 16 8 8 8 8	20 16 12 8 8 8	16 32 8 8 8		
lax. 8Gb/s F( lax. 16Gb/s l lax. 10 GbE f lax. 10 GbE/s lax. 10 GbE/s lax. 10 GbE/s lax. 25 GbE/s lax. 40GbE/s lax. 56Gb/s lax. 12Gb/s lax. number	FC ports FCoE ports SCSI ports ISCSI (SFP+) ports ISCSI (RJ45) ports ISCSI (SFP28) ports SCSI (QSFP) ports SCSI (QSFP) ports InfiniBand ports SAS ports of logical drives drive capacity	0 16 8 4 0 4	16 24 16 8 8 8 8 8	20 16 12 8 8 8 8	16 32 8 8 8		
ax. 8Gb/s Ff ax. 16Gb/s I ax. 10 GbE I ax. 1 GbE/iS ax. 10 GbE/ ax. 10 GbE/ ax. 10 GbE/ ax. 25 GbE/ ax. 40GbE/i ax. 56Gb/s ax. 12Gb/s ax. number ax. logical d	FC ports FCoE ports SCSI ports ISCSI (SFP+) ports ISCSI (RJ45) ports ISCSI (SFP28) ports SCSSI (QSFP) ports InfiniBand ports SAS ports of logical drives Irrive capacity stripe size	0 16 8 4 0 4	16 24 16 8 8 8 8 8 8 8	20 16 12 8 8 8 8 8 8	16 32 8 8 8		
ax. 8Gb/s F( ax. 16Gb/s I ax. 10 GbE I ax. 1 GbE/is ax. 10 GbE/ ax. 10 GbE/ ax. 25 GbE/ ax. 25 GbE/ ax. 40GbE/i ax. 40GbE/i ax. 12Gb/s ax. 12Gb/s ax. 10gical d onfigurable	FC ports FCoE ports SCSI ports ISCSI (SFP+) ports ISCSI (RJ45) ports ISCSI (SFP28) ports ISCSI (QSFP) ports SCSI QSFP) ports InfiniBand ports SAS ports of logical drives trive capacity stripe size write policy	0 16 8 4 0 4	16 24 16 8 8 8 8 8 8 8 16 16KB, 32KB, 64KB, 128KB, 256KE	20 16 12 8 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive	16 32 8 8 8		
ilax. 86b/s F(I lax. 16Gb/s I lax. 10 GbE I lax. 1 GbE/iS lax. 10 GbE/ lax. 10 GbE/ lax. 25 GbE/ lax. 25 GbE/ lax. 40GbE/i lax. 12Gb/s I lax. 12Gb/s I lax. logical d onfigurable onfigurable lax. size of p	FC ports FCoE ports SCSI ports SCSI (SFP+) ports SCSI (RJ45) ports SCSI (SFP28) ports SCSI (QSFP) ports SCSI (QSFP) ports InfiniBand ports SAS ports of logical drives drive capacity stripe size write policy	0 16 8 4 0 4	16 24 16 8 8 8 8 8 8 8 16 16KB, 32KB, 64KB, 128KB, 256KE	20 16 12 8 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive gical drive. This policy can be modified.	16 32 8 8 8		
iax. 86b/s Ff lax. 166b/s I lax. 10 GbE I lax. 1 GbE/iS lax. 10 GbE/iS lax. 10 GbE/i lax. 10 GbE/i lax. 26 GbE/i lax. 40GbE/i lax. 12Gb/s lax. 12Gb/s lax. 10gical d onfigurable lax. size of p lax. size of p	FC ports FCoE ports SCSI ports SCSI (SFP+) ports SCSI (RJ45) ports SCSI (SFP28) ports SCSI (QSFP) ports InfiniBand ports SAS ports of logical drives strive capacity stripe size write policy sool	0 16 8 4 0 4	16 24 16 8 8 8 8 8 8 8 8 Write-Back or Write-Through per log	20 16 12 8 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive pical drive. This policy can be modified.	16 32 8 8 8		
iax. 86b/s Ff lax. 166b/s I lax. 10 GbE I lax. 1 GbE/is lax. 10 GbE/i lax. 10 GbE/i lax. 10 GbE/i lax. 25 GbE/i lax. 40Gb/s lax. 12Gb/s lax. 10 Gigal d onfigurable lax. size of p lax. size of p lax. number	FC ports FCoE ports GCSI ports GCSI ports GCSI (SFP+) ports GCSI (RJ45) ports GCSI (GSFP) ports GCSI (GSFP) ports InfiniBand ports SAS ports of logical drives drive capacity stripe size write policy gool of pools of volumes (per pool/ per system)	0 16 8 4 0 4	16 24 16 8 8 8 8 8 8 8 8  16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log	20 16 12 8 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive jical drive. This policy can be modified.	16 32 8 8 8		
iax. 86b/s Ff iax. 166b/s I iax. 10 GbE I iax. 1 GbE/is iax. 10 GbE/i iax. 10 GbE/i iax. 56 GbE/i iax. 40 GbE/i iax. 40 GbE/i iax. 12 Gb/s iax. 10 Gical d onfigurable onfigurable onfigurable incomingurable iax. size of p	FC ports FCoE ports GCSI ports GCSI ports GCSI (SFP+) ports GCSI (RJ45) ports GCSI (GSFP) ports GCSI (GSFP) ports InfiniBand ports SAS ports of logical drives Infive capacity Stripe size write policy InfiniBand ports Write policy InfiniBand ports InfiniBand por	0 16 8 4 0 4	16 24 16 8 8 8 8 8 8 8 8 16 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log	20 16 12 8 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive pical drive. This policy can be modified.	16 32 8 8 8		
alax. 86b/s F(I lax. 166b/s I lax. 10 GbE/i lax. 10 GbE/i lax. 10 GbE/i lax. 10 GbE/i lax. 10 GbE/i lax. 25 GbE/i lax. 25 GbE/s lax. 12Gb/s lax. number lax. logical d onfigurable onfigurable onfigurable values of p lax. number lax. number	FC ports FCoE ports GCSI ports GCSI ports GCSI (SFP+) ports GCSI (RJ45) ports GCSI (SFP28) ports GCSI (GSFP) ports InfiniBand ports SAS ports of logical drives drive capacity stripe size write policy lool of pools of volumes (per pool/ per system) of LUNs mappable size	0 16 8 4 0 4 0 4	16 24 16 8 8 8 8 8 8 8 8  16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per loop	20 16 12 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive jical drive. This policy can be modified. 2PB 32 024 000 2PB	16 32 8 8 8		
ax. 86b/s F(fax. 166b/s I ax. 166b/s I ax. 10 GbE/i ax. 25 GbE/i ax. 40GbE/i ax. 56Gb/s ax. 12Gb/s ax. number ax. logical d onfigurable onfigurable ax. size of p ax. size of p ax. number ax. number ax. number ax. number ax. volume ax.	FC ports FCoE ports SCSI ports SCSI ports SCSI (SFP+) ports SIGCSI (RJ45) ports SIGCSI (SFP28) ports SCSI (QSFP) ports SCSI (QSFP) ports InfiniBand ports SAS ports of logical drives drive capacity stripe size write policy sool of pools of volumes (per pool/ per system) of LUNs mappable size gs reserved for each Host-LUN con	0 16 8 4 0 4 0 4	16 24 16 8 8 8 8 8 8 8 8 16 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per loop	20 16 12 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive jical drive. This policy can be modified. 2PB 32 024 000 2PB to 256	16 32 8 8 8		
iax. 86b/s F(Iax. 166b/s Iax. 166b/s Iax. 10 GbE Iax. 10 GbE/iax.	FC ports FCoE ports FCoE ports SCSI ports ISCSI (SFP+) ports ISCSI (RJ45) ports ISCSI (SFP28) ports SCSI (QSFP) ports InfiniBand ports SAS ports of logical drives drive capacity stripe size write policy sool of pools of volumes (per pool/ per system) of LUNs mappable size gs reserved for each Host-LUN cortiators (per controller)	0 16 8 4 0 4 0 4	16 24 16 8 8 8 8 8 8 8 7 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log	20 16 12 8 8 8 8 8 8 32 12TB 3,512KB, or 1024KB per logical drive jical drive. This policy can be modified. 2PB 32 024 0000 2PB to 256 832	16 32 8 8 8		
lax. 86b/s F(I ax. 166b/s I ax. 166b/s I ax. 10 GbE I ax. 10 GbE/i ax. 25 GbE/i ax. 25 GbE/i ax. 25 GbE/i ax. 10 GibE/i ax. 12 Gb/s I ax. 10 GibE/i a	FC ports FCoE ports SCSI ports SCSI (SFP+) ports SISCSI (RJ45) ports SISCSI (SFP28) ports SISCSI (SFP28) ports SISCSI (QSFP) ports InfiniBand ports SAS ports of logical drives drive capacity stripe size write policy stripe size tool of pools of volumes (per pool/ per system) of LUNs mappable size gs reserved for each Host-LUN contiators (per controller) st connection (per FC)	0 16 8 4 0 4 0 4	16 24 16 8 8 8 8 8 8 8 8 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log	20 16 12 8 8 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive gical drive. This policy can be modified. 2PB 32 024 0000 2PB to 256 832	16 32 8 8 8		
lax. 86b/s F(I lax. 16Gb/s I lax. 10 GbE I lax. 10 GbE/i l	FC ports FCoE ports FCoE ports SCSI ports ISCSI (SFP+) ports ISCSI (RJ45) ports ISCSI (SFP28) ports ISCSI (QSFP) ports InfiniBand ports SAS ports of logical drives Irrive capacity stripe size write policy lool of pools of volumes (per pool/ per system) of LUNs mappable size gs reserved for each Host-LUN cort tiators (per controller) st connection (per FC) Max. file system size	0 16 8 4 0 4 0 4	16 24 16 8 8 8 8 8 8 8 8 16 16 8 8 16 8 8 8 8	20 16 12 8 8 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive pical drive. This policy can be modified. 2PB 32 024 0000 2PB to 256 832 128	16 32 8 8 8		
lax. 86b/s F(lax. 166b/s I lax. 166b/s I lax. 10 GbE I lax. 10 GbE/is lax. 25 GbE/lax. 25 GbE/lax. 25 GbE/is lax. 40GbE/is lax. 12Gb/s lax. 12Gb/s lax. 10gical d onfigurable lax. size of p lax. number lax. numb	FC ports FCoE (RU45) ports FCOE (RU4	0 16 8 4 0 4 0 4	16 24 16 8 8 8 8 8 8 8 8 8 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log	20 16 12 8 8 8 8 8 8 8 32 12TB 3,512KB, or 1024KB per logical drive pical drive. This policy can be modified. 2PB 32 024 0000 2PB 10 256 832 128 2PB 0000	16 32 8 8 8		
ax. 86b/s F(fax. 166b/s I ax. 166b/s I ax. 10 GbE/i ax. 25 GbE/i ax. 25 GbE/i ax. 25 GbE/i ax. 25 GbE/i ax. 12Gb/s I ax. 12Gb/s I ax. 10gical donfigurable i ax. size of p ax. number ax. number ax. number ax. number ax. number ax. number ax. size of p ax. number	FC ports FCoE ports FC	0 16 8 4 0 4 0 4	16 24 16 8 8 8 8 8 8 8 8 16 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log	20 16 12 8 8 8 8 8 8 8 32 12TB 3,512KB, or 1024KB per logical drive pical drive. This policy can be modified. 2PB 32 024 000 22PB 10 256 832 128 2PB 0000 512	16 32 8 8 8		
lax. 86b/s F(lax. 166b/s I lax. 166b/s I lax. 10 GbE I lax. 10 GbE/is lax. 25 GbE/lax. 25 GbE/is lax. 40GbE/i lax. 40GbE/is lax. 12Gb/s lax. 10gical d onfigurable lax. logical donfigurable lax. size of p lax. number lax. number lax. number lax. number lax. number lax. number lax. volume s lax. volume s lax. volume s lax. volume s lax. lax.	FC ports FCoE (RJ45) ports FCOE (RJ4	0 16 8 4 0 4 0 4	16 24 16 8 8 8 8 8 8 8 8 8 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log	20 16 12 8 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive pical drive. This policy can be modified. 2PB 32 024 000 2PB to 256 8832 128 2PB 0000 512 /FTP)   255 (AFP)	16 32 8 8 8		
ax. 8Gb/s F( ax. 16Gb/s I ax. 10 GbE I ax. 10 GbE/i ax. 25 GbE/i ax. 25 GbE/i ax. 40GbE/i ax. 40GbE/i ax. 12Gb/s ax. 12Gb/s ax. 10gical d configurable configurable ax. size of p ax. number	FC ports FCoE ports FC	0 16 8 4 0 4 0 4	16 24 16 8 8 8 8 8 8 8 8 8 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log 4 1 4 2 Up	20 16 12 8 8 8 8 8 8 32 12TB 3,512KB, or 1024KB per logical drive pical drive. This policy can be modified. 2PB 32 024 000 2PB to 256 832 128 2PB 0000 512 /FTP)   255 (AFP)	16 32 8 8 8		
ax. 86b/s F(Fax. 166b/s I ax. 166b/s I ax. 10 GbE/i ax. 25 GbE/s ax. 40GbE/i ax. 56Gb/s ax. 12Gb/s ax. number ax. 10 GbE/i ax. 12Gb/s ax. number ax. size of p ax. number ax. number ax. number ax. number ax. number ax. number ax. SCSI Initiaximum hos	FC ports FCoE (RJ45) ports FCOE (RJ4	0 16 8 4 0 4 0 4	16 24 16 8 8 8 8 8 8 8 8 16 16 8 8 8 8 8 16 16 8 8 8 8	20 16 12 8 8 8 8 8 8 32 12TB 3,512KB, or 1024KB per logical drive pical drive. This policy can be modified. 2PB 32 024 000 2PB 10 256 832 128 2PB 0000 512 /FTP)   255 (AFP)	16 32 8 8 8		
lax. 86b/s F(I ax. 166b/s I ax. 166b/s I ax. 10 GbE I ax. 10 GbE/i ax. 25 GbE/i ax. 10 GbE/i ax. 25 Gb/s I ax. 12 Gb/s I a	FC ports FCoE ports FCoE ports SCSI ports SCSI (SFP+) ports ISCSI (SFP+) ports ISCSI (SFP28) ports ISCSI (SFP28) ports SCSI (QSFP) ports InfiniBand ports SAS ports of logical drives drive capacity stripe size write policy stripe size write policy fool of pools of volumes (per pool/ per system) of LUNs mappable size gs reserved for each Host-LUN contiators (per controller) st connection (per FC) Max. file system size Max. number of user groups Max. number of sync jobs Max. number of rsync jobs Max. number of rsync concurrent p	0 16 8 4 0 4 0 4	16 24 16 8 8 8 8 8 8 8 8 8 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log  11 4 20 Up 20 2048 (NFS/CIFS 1	20 16 12 8 8 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive pical drive. This policy can be modified. 2PB 32 0024 0000 2PB to 256 832 128 2PB 0000 512 /FTP)   255 (AFP) 024 64 • 64 GB memory: 1024	16 32 8 8 8		
ax. 86b/s F(Fax. 166b/s I ax. 166b/s I ax. 10 GbE/i ax. 25 GbE/i ax. 25 GbE/i ax. 25 GbE/i ax. 25 GbE/i ax. 12Gb/s I ax. 12Gb/s I ax. 10gical donfigurable ax. iogical donfigurable	FC ports FCoE ports FC	0 16 8 4 0 4 0 4	16 24 16 8 8 8 8 8 8 8 8 8 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log  11 4 2 Up 2 2048 (NFS/CIFS 1  *16 GB memory: 200 *32 GB memory: 512	20 16 12 8 8 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive pical drive. This policy can be modified. 2PB 32 024 0000 2PB to 256 832 128 2PB 0000 512 /FTP)   255 (AFP) 024 64 • 64 GB memory: 1024 • 128 GB memory: 2048	16 32 8 8 8		
lax. 86b/s F(I ax. 166b/s I ax. 166b/s I ax. 10 GbE I ax. 10 GbE/i ax. 25 GbE/i ax. 10 GbE/i ax. 25 Gb/s I ax. 12 Gb/s I a	FC ports FCoE ports FC	0 16 8 4 0 4 0 4	16 24 16 8 8 8 8 8 8 8 8 8 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log  11 4 4 20 10 10 11 11 11 12 13 14 15 16 GB memory: 200 18 GB memory: 512 19 10 10 11 11 12 13 14 15 16 GB memory: 512 16 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	20 16 12 8 8 8 8 8 8 32 12TB 3,512KB, or 1024KB per logical drive pical drive. This policy can be modified. 2PB 32 024 0000 2PB to 256 832 128 2PB 0000 512 /FTP)   255 (AFP) 024 64 • 64 GB memory: 1024 • 128 GB memory: 2048 3, 5, 6, 10, 30, 50, 60	16 32 8 8 8		
lax. 86b/s F(lax. 166b/s I lax. 166b/s I lax. 10 GbE I lax. 10 GbE/is lax. 25 GbE/is lax. 25 GbE/is lax. 12Gb/s lax. 12Gb/s lax. 10 gical donfigurable lax. logical donfigurable lax. size of p lax. number lax	FC ports FC	0 16 8 4 0 0 4 0 0 4 4 0 0 4 4 0 0 0 0 0 0 0	16 24 16 8 8 8 8 8 8 8 8 8 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log  10 11 12 13 14 15 16	20 16 12 8 8 8 8 8 8 32 12TB 3,512KB, or 1024KB per logical drive pical drive. This policy can be modified. 2PB 32 024 0000 2PB to 256 832 128 2PB 0000 512 /FTP)   255 (AFP) 024 64 • 64 GB memory: 1024 • 128 GB memory: 2048 3, 5, 6, 10, 30, 50, 60	16 32 8 8 8		
lax. 86b/s F(I ax. 166b/s I ax. 166b/s I ax. 10 GbE/i ax.	FC ports FC	0 16 8 4 0 0 4 0 0 4 4 0 0 4 4 0 0 0 0 0 0 0	16 24 16 8 8 8 8 8 8 8 8 7 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log Write-Back or Write-Through per log 1 1 4 2 1 2048 (NFS/CIFS 2048 (NFS/CIFS 1 4 4 2 2048 (NFS/CIFS 1 4 4 2049 (NFS/CIFS 2049 (NFS/CIFS 1 4 4 2049 (NFS/CIFS 2049 (N	20 16 12 8 8 8 8 8 8 32 12TB 3,512KB, or 1024KB per logical drive pical drive. This policy can be modified. 2PB 32 024 0000 2PB to 256 832 128 2PB 0000 512 /FTP)   255 (AFP) 024 64 • 64 GB memory: 1024 • 128 GB memory: 2048 3, 5, 6, 10, 30, 50, 60	16 32 8 8 8		
ax. 86b/s F( ax. 166b/s I ax. 10 GbE I ax. 10 GbE/i ax. 1	FC ports FCoE ports FC	16 8 4 0 4 0 4 0 4 rocesses tions  File Level Protocol Block Level Protocol Object Level Protocol	16 24 16 8 8 8 8 8 8 8 8 7 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log Write-Back or Write-Through per log 1 1 4 2 1 2048 (NFS/CIFS 2048 (NFS/CIFS 1 4 4 2 2048 (NFS/CIFS 1 4 4 2049 (NFS/CIFS 2049 (NFS/CIFS 1 4 4 2049 (NFS/CIFS 2049 (N	20 16 12 8 8 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive pical drive. This policy can be modified. 2PB 32 0024 0000 2PB 10 256 832 128 2PB 10 000 6512 /FTP)   255 (AFP) 024 64 • 64 GB memory: 1024 • 128 GB memory: 2048 3, 5, 6, 10, 30, 50, 60 FTP, FXP, WebDAV	16 32 8 8 8		
ax. 86b/s F( ax. 166b/s I ax. 10 GbE/i ax. 1	FC ports FC	0 16 8 4 0 4 0 4 0 4  0 4  File Level Protocol ClFS/ SMB: Verence Select Level Protocol Object Level Protocol Object Level Protocol Support the integration with following contents of the selection of the select	16 24 16 8 8 8 8 8 8 8 8 8 8 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log Write-Back or Write-Through per log  1 1 4 2 Up 3 2048 (NFS/CIFS 1 *16 GB memory: 200 *32 GB memory: 512 RAID 0, 1, (1+0), orsion 2.0/3.0, NFS: Version 2/3/4, AFP, SI, SAS, InfiniBand vift cloud providers: Amazon S3, Microsoft Applied to the table of the control of the	20 16 12 8 8 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive pical drive. This policy can be modified. 2PB 32 0024 0000 2PB 10 256 832 128 2PB 10 000 6512 /FTP)   255 (AFP) 024 64 • 64 GB memory: 1024 • 128 GB memory: 2048 3, 5, 6, 10, 30, 50, 60 FTP, FXP, WebDAV	16 32 8 8 8		
ax. 86b/s F( ax. 166b/s I ax. 10 GbE/i ax. 1	FC ports FC	16 8 8 4 0 4 0 4 0 4  0 4  rocesses titions  File Level Protocol Block Level Protocol Object Level Protocol Object Level Protocol Support the integration with following of	16 24 16 8 8 8 8 8 8 8 8 8 8 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log Write-Back or Write-Through per log  1 1 4 2 Up 3 2048 (NFS/CIFS 1 *16 GB memory: 200 *32 GB memory: 512 RAID 0, 1, (1+0), orsion 2.0/3.0, NFS: Version 2/3/4, AFP, SI, SAS, InfiniBand vift cloud providers: Amazon S3, Microsoft Applied to the table of the control of the	20 16 12 8 8 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive pical drive. This policy can be modified. 2PB 32 0024 0000 2PB 10 256 832 128 2PB 10 000 6512 /FTP)   255 (AFP) 024 64 • 64 GB memory: 1024 • 128 GB memory: 2048 3, 5, 6, 10, 30, 50, 60 FTP, FXP, WebDAV	16 32 8 8 8		
ax. 8Gb/s F( ax. 16Gb/s I ax. 10 GbE I ax. 10 GbE/s ax. 1	FC ports FC	0 16 8 4 0 4 0 4 0 4  0 4  File Level Protocol ClFS/ SMB: Verence Select Level Protocol Object Level Protocol Object Level Protocol Support the integration with following contents of the selection of the select	16 24 16 8 8 8 8 8 8 8 8 8 8 16KB, 32KB, 64KB, 128KB, 256KE Write-Back or Write-Through per log Write-Back or Write-Through per log  1 1 4 2 Up 2 2048 (NFS/CIFS 1 *16 GB memory: 200 *32 GB memory: 512 RAID 0, 1, (1+0), orsion 2.0/3.0, NFS: Version 2/3/4, AFP, SI, SAS, InfiniBand vifit	20 16 12 8 8 8 8 8 8 8 32 12TB 3, 512KB, or 1024KB per logical drive pical drive. This policy can be modified. 2PB 32 0024 0000 2PB 10 256 832 128 2PB 10 000 6512 /FTP)   255 (AFP) 024 64 • 64 GB memory: 1024 • 128 GB memory: 2048 3, 5, 6, 10, 30, 50, 60 FTP, FXP, WebDAV	16 32 8 8 8		



Note:   Not	PHYSICA	AL SPECIFICATIO	NS	EonStor GS Family		
Section   Part	Specifications (per system)		GS 5100	GS 5200		
Mary	orm factor   4U		V	V		
The SSD case the profit of the SSD parts (1997)   1997						
Section   Sect						
Market Supplies   Market Sup						
Mary   Park	аспе раскир те					
Property						
Part	Power supply uni		100-127VAC@12.4	7A, 200-240VAC@7.08A		
Part		Frequency				
Score   Scor						
### Part   Part	CPU					
About	Cache memory					
Separation   Dear			4	16		
Note:   The expansion board   Note: The expansion board can only be installed in slote H99 and H810.	/lax. number of h	nost board		d to install 8 host boards (4 in each controller). To install up to 16 host boards, 128G		
A	xpansion board	i	. ,	4 (Default included)		
Max. 18 6b/s FC ports	Host board ports		2 x 10Gb/s iSCSI ports (RJ-45) 2 x 40Gb/s iSCSI ports (QSFP) 2 x 56Gb/s InfiniBand ports (for Linux only, block level only) 2 x 12Gb/s SAS ports Converged host board: - 4 x 8Gb/s FC ports - 2 x 16Gb/s FC ports - 2 x 16Gb/s FC ports - 4 x 10Gb/s FC0E ports - 4 x 10Gb/s FC0E ports - 4 x 10Gb/s iSCSI ports (SFP+)  Note: 1. The two controllers must have identical slot settings.			
Max. 166b/s FC ports	Max 8Gh/s FC no	nrts		64		
Max. 10 GBJE FC0E ports						
Max. 10 GBE/ISCSI (RJ-14) ports			16	64		
Abax 10 GbE/ISCSI (NJ-45) ports   8   32   32   32   32   33   34   34   35   35   35   35   35	Max. 1 GbE/iSCS	I ports	16	64		
Abax   406bEr  SSS   (0SFP) ports   8   32   32   32   32   32   32   32	Max. 10 GbE/iSC	SI (SFP+) ports	16	64		
Max. 1966b/s InfiniBand ports   8   8   8   8   8   8   8   8   8	Max. 10 GbE/iSC	SI (RJ-45) ports	8	32		
Max. 1126D/s SAS ports (for expansion enclosures)   8	Max. 40GbE/iSCS	SI (QSFP) ports	8 32			
Max. number of logical drives   32   12   18   18   18   18   18   18   1	/lax. 56Gb/s Infi	iniBand ports	8	32		
Max. logical drive capacity  fonfigurable Stripe size  16KB, 32KB, 64KB, 128KB, 256KB, 612KB, or 1024KB per logical drive  write policy  Write-Back or Write-Through per logical drive. This policy can be modified.  Max. size of pool  Axx. size of pool  Axx. number of pools  Axx. number of volumes (per pool/ per system)  Axx. number of tulws mappable  Axx. number of LWIs mappable  Axx. volume size  Up to 256  Up to	/lax. 12Gb/s SAS	S ports (for expansion enclosures)				
### ### ### ### ### ### ### ### ### ##		-				
Write-Back or Write-Through per logical drive. This policy can be modified.   2PB   32   32   32   32   32   32   32   3	-					
Max. number of pools 32  Max. number of volumes (per pool/ per system) 1024  Max. number of LUNs mappable 4000  Max. number of LUNs mappable 2PB  Number of LUNs mappable 2PB  Number of tags reserved for each Host-LUN 2PB  Number of tags reserved for each Host-LUN 3PB  Max. foliant size 2PB  Number of tags reserved for each Host-LUN 3PB  Max. file system size 2PB  Max. file system size 2PB  Max. number of user accounts 2D000  Max. number of user accounts 2D000  Max. number of user groups 512  Max. number of sysrc jobs 512  Max. number of rsync jobs 1024  Max. number of rsync concurrent processes 64  Max. number of sync concurrent processes 1024  Max. number of soncurrent connections per 32 GB memory: 200  Max. number of soncurrent connections per 32 GB memory: 512  **ABID 0,1, (1+0), 3, 5, 6, 10, 30, 50, 60  **Totocol subort 1 Service System size 1 Service System size 2 Service System size						
Max. number of pools   1024     Max. number of LUNs mappable   4000     Max. volumes   2PB     Max. solume   32     Max. volumes   2PB     Max. solume   32     Max. solume   32     Max. volumes   32     Max. solume   32     Max. solumes   32     Max. number of user accounts   20000     Max. number of user accounts   20000     Max. number of user groups   512     Max. number of solutes   32     Max. number of solutes	-		0.1			
Max. number of volumes (per pool/ per system)  Analog (Max. number of LUNs mappable)  Analog (Max. number of LUNs mappable)  Analog (Max. number of tags reserved for each Host-LUN) Analog (Max. number of tags reserved for each Host-LUN) Analog (Max. number of tags reserved for each Host-LUN) Analog (Max. number of teach Host-LUN) Analog (Max. number of user accounts)  Analog (Max. number of user accounts)  Analog (Max. number of user accounts)  Analog (Max. number of touser groups)  Analog (Max. number of folder sharing)  Analog (Max. number of rsync concurrent processes)  Analog (Max. number of teach Host-LUN) Analog (Max. number of teach Host-LUN) Analog (Max. number of teach Host-LUN) Analog (Max. number of touser groups)  Analog (Max. number of teach Host-LUN) Analog (Max. number of						
Max. number of LUNs mappable 4000  Max. volume size 2PB  Lumber of tags reserved for each Host-LUN onnection  Max iSCSI Initiators (per controller) 832  Max file system size 2PB  Max. number of user accounts 2PPB  Max. number of user accounts 20000  Max. number of user groups 512  Max. number of folder sharing 2048 (NFS/CIFS/FTP) 255 (AFP)  Max. number of rsync concurrent processe 64  Max. number of rsync concurrent processes 64  Max. number of concurrent connections per controller (NFS/CIFS/AFP/FTP) 32 GB memory: 2048  Max. number of Sync concurrent processes 64  Max. number of concurrent connections per 16 GB memory: 200 16 GB memory: 2048  Max. number of concurrent connections per 16 GB memory: 512  Max. number of concurrent connections per 16 GB memory: 512  Max. number of concurrent connections per 16 GB memory: 512  Max. number of concurrent connections per 16 GB memory: 512  Max. number of concurrent connections per 16 GB memory: 512  Max. number of concurrent connections per 16 GB memory: 512  Max. number of concurrent connections per 16 GB memory: 512  Max. number of concurrent connections per 16 GB memory: 512  Max. number of concurrent connections per 16 GB memory: 512  Max. number of concurrent connections per 16 GB memory: 512  Max. number of concurrent connections per 16 GB memory: 512  Max. number of concurrent connections per 16 GB memory: 512  Max. number of concurrent connections per 16 GB memory: 512  Max. number of concurrent connections per 16 GB memory: 512  Max. number of concurrent connections per 16 GB memory: 512  Max. number of concurrent per 512  Max. number of concurren						
Aux volume size   2PB   1		,, , , , , , , , , , , , , , , , , , , ,				
The state of tags reserved for each Host-LUN connection of tags rese						
Max iSCSI Initiators (per controller)  Max file system size  Max. number of user accounts  Max. number of user groups  Max. number of sync jobs  Max. number of sync concurrent processes  Max. number of concurrent connections per controller (NFS/CIFS/AFP/FTP)  And the system size 2PB  20000  20000  2004  20000  204  405  405	lumber of tags re					
Max. number of user accounts   2PB   20000		ors (per controller)		832		
Max. number of user accounts   20000						
Max. number of user groups   512						
Max. number of folder sharing   2048 (NFS/CIFS/FTP)   255 (AFP)	Max	. number of user accounts	21	0000		
Max. number of rsync jobs   1024	Max	. number of user groups		512		
Max. number of rsync jobs         1024           Max. number of rsync concurrent processes         64           Max. number of concurrent connections per controller (NFS/CIFS/AFP/FTP)         *16 GB memory: 200         *64 GB memory: 1024           *ADI options         *32 GB memory: 512         *128 GB memory: 2048           *RAID options         RAID 0, 1, (1+0), 3, 5, 6, 10, 30, 50, 60           **Protocol support         File Level Protocol Object L	ile Level ——	-	,	, , , , ,		
Max. number of concurrent connections per controller (NFS/CIFS/AFP/FTP)  *32 GB memory: 200 *128 GB memory: 204 *128 GB memory	Max					
controller (NFS/CIFS/AFP/FTP)         •32 GB memory: 512         •128 GB memory: 2048           RAID options         RAID 0, 1, (1+0), 3, 5, 6, 10, 30, 50, 60           Protocol support         File Level Protocol Block Level Protocol Object Developer National Object Developer Nationa						
RAID options  File Level Protocol Protocol support  RAID 0, 1, (1+0), 3, 5, 6, 10, 30, 50, 60  CIFS/ SMB: Version 2.0/3.0, NFS: Version 2/3/4, AFP, FTP, FXP, WebDAV FC, FCoE, iSCSI, SAS, InfiniBand OpenStack Swift  RAID 0, 1, (1+0), 3, 5, 6, 10, 30, 50, 60  CIFS/ SMB: Version 2.0/3.0, NFS: Version 2/3/4, AFP, FTP, FXP, WebDAV FC, FCoE, iSCSI, SAS, InfiniBand OpenStack Swift						
File Level Protocol Protocol support Block Level Protocol Object L		IUIIEI (INFO/GIFO/AFP/FIP)	·			
Object Level Protocol OpenStack Swift	·	t	File Level Protocol Block Level Protocol FC, FCoE, iSCSI, SAS, InfiniBand			
-unulous sateway - oupport the integration with following close providers. Amazon 30, who is soft Azure, Alibaba close, Openstack			Object Level Protocol OpenStack Swift	Azure Alibaha Cloud OpenStack		
80 PLUS power supplies delivering more than 80% energy efficiency		ay	80 PLUS power supplies delivering more than 80% energy efficiency	חבעויה, הווטמטמ טוטטט, טוְסוּוּטּנמטה		
Intelligent multi-level drive spin-down  Electromagnetic Compatibility : CE, BSMI, FCC, KC  Safety : III RSMI CB FAC						



IYSICAL SPECIFICATI	ONS		<b>EonStor GS Family</b>				
	GS 1	000 Gen2 Series					
Form Factor	2U 12-bay	3U 16-bay	4U 24-bay	2U 24-bay			
Available Models	GS 1012R2CF/S2CF	GS 1016R2CF/S2CF	GS 1024R2CF/S2CF	GS 1024R2CBF/S2CBF			
Supported drives	Note: S: Single controller (upgradable to dual  • 2.5" SAS SSDs • 2.5" SATA SSDs • 2.5" 10,000 RPM SAS HDD • 2.5" 15,000 RPM SAS HDD • 3.5" 7,200 RPM Nearline SAS H • 3.5" 7,200 RPM SATA HDD	2.5" SAS SSDs     2.5" SATA SSDs     2.5" 10,000 RPM SAS HDD     2.5" 15,000 RPM SAS HDD     3.5" 7,200 RPM Nearline S/     3.5" 7,200 RPM SATA HDD	• 2.5" SAS SSDs • 2.5" SATA SSDs • 2.5" 10,000 RPM SAS I • 2.5" 15,000 RPM SAS I AS HDD • 3.5" 7,200 RPM SATA I				
Max. drives number	Note: For the latest compatibility details, reference 448	r to our official website for the latest Ec 448	onStor GS Compatibility Matrix. 448	448			
Rack Support	2U, 19-inch rackmount	3U, 19-inch rackmount	440 4U, 19-inch rackmount	2U, 19-inch rackmount			
Dimensions	447(W)x88(H)x500mm (D)	447(W)x130(H)x500mm (D)	447(W)x175(H)x500mm (D)	447(W)x88(H)x500mm (D)			
(Without chassis ears/ protrusions)							
Package Dimensions  Expansion enclosure (JBOD)	780(W)x379(H)x588mm (D)	780(W)x423(H)x588mm (D)  JB 3012A JB 3016A JB 3024BA	780(W)x465(H)x588mm (D)  JB 3025BA JB 3060 JB 3060L	780(W)x338(H)x588mm (D)			
	GS 2000(T)/	3000(T)/4000(T) S	eries				
Form Factor	2U 12-bay	3U 1	6-bay	4U 24-bay			
Available Models	GS 3012RCF/SCF GS 3012RTCF/STCF GS 2012RCF/SCF GS 2012RTCF/STCF	GS 3016F GS 3016F GS 2016F	RTCF/STCF RCF/SCF RTCF/STCF	GS 3024RCF/SCF GS 3024RTCF/STCF GS 2024RCF/SCF GS 2024RTCF/STCF			
	Note: G: Single controller S: Single controll	er(upgradable to dual controller) R:	Redundant controller T: High Perform	nance C: Super capacitor			
Supported drives	<ul> <li>2.5" SAS SSDs</li> <li>2.5" SATA SSDs</li> <li>2.5" 10,000 RPM SAS HE</li> <li>2.5" 15,000 RPM SAS HE</li> <li>3.5" 7,200 RPM Nearline</li> <li>3.5" 7,200 RPM SATA HD</li> </ul>	DD • 2.5" 15, SAS HDD • 3.5" 7,2 D • 3.5" 7,2	TA SSDs 000 RPM SAS HDD 000 RPM SAS HDD 00 RPM Nearline SAS HDD 00 RPM SATA HDD	2.5" SAS SSDs     2.5" SATA SSDs     2.5" 10,000 RPM SAS HDD     2.5" 15,000 RPM SAS HDD     3.5" 7,200 RPM Nearline SAS H     3.5" 7,200 RPM SATA HDD			
Max. drives number	Note: For the latest compatibility details, refer			000			
Rack Support	896 2U, 19-inch rackmount		96 n rackmount	896 4U, 19-inch rackmount			
Dimensions	447 (W) x88 (H) x500 (D) mm		H)x500(D)mm	447(W)x175(H)x500(D)mm			
(Without chassis ears/ protrusions)	. , , , , ,	. , , ,	· · · ·				
Package Dimensions  Expansion enclosure(JBOD)	780(W)x379(H)x588(D)mm	780(W)X423( JB 3012A JB 3016A JB 3024BA	H)x588(D)mm JB 3025BA JB 3060 JB 3060L	780(W)x465(H)x588(D)mm			
Form Factor	4U 60-bay	2U 2	4-bay	2U 25-bay			
Available Models	GS 3060RCLF GS 3060GLF GS 3060RTCLF GS 3060GTLF	GS 4024RC GS 4024RT GS 3024RC GS 2024RC	CBF/SCBF CBF/STCBF CBF/SCBF	GS 3025RCBF/SCBF GS 3025RTCBF/STCBF			
	Note: G: Single controller S: Single controll L: One Drawer (for GS 3060)	er(upgradable to dual controller) R:	Redundant controller T: High Perform	nance C: Super capacitor			
Supported drives	• 2.5" SAS SSDs • 2.5" SATA SSDs • 2.5" 10,000 RPM SAS I • 2.5" 15,000 RPM SAS I • 3.5" 7,200 RPM SAS I • 3.5" 7,200 RPM SATA I	HDD	A SSDs 00 RPM SAS HDD 00 RPM SAS HDD 0 RPM Nearline SAS HDD 0 RPM SATA HDD	2.5" SAS SSDs     2.5" SATA SSDs     2.5" 10,000 RPM SAS HDD     2.5" 15,000 RPM SAS HDD     3.5" 7,200 RPM Nearline SAS HD     3.5" 7,200 RPM SATA HDD			
	2. For the latest compatibility details, ref			000			
Max. drives number Rack Support	896 4U, 19-inch rackmount		96 n rackmount	896 2U, 19-inch rackmount			
Dimensions	448(W)x176(H)x840(D)mm		H)x500(D)mm	447(W)x88(H)x500(D)mm			
(Without chassis ears/ protrusions)			H)x588(D)mm				
Package Dimensions  Expansion enclosure(JBOD)	620(W)x460(H)x1140(D)mm	JB 3012A JB 3016A JB 3024BA	JB 3025BA JB 3060 JB 3060L	780(W)x340(H)x588(D)mm			
	G	S 5000 Series					
Form Factor		<b>4U</b> (No internal bay. Expans	ion enclosure required.)				
Available Models	GS 5100R		G	S 5200RL			
Supported drives	Note: R: Redundant controller L: BBU (for 6	• 2.5" SAS SSDs • 2.5" SAS SSDs • 2.5" SATA SSDs • 2.5" 10,000 RPI • 2.5" 15,000 RPI	M SAS HDD				
		• 3.5" 7,200 RPM	Nearline SAS HDD				
May drives	Note: For the latest compatibility details, refer						
Max. drives number Rack Support			'92 n rackmount				
Dimensions			H)x577mm (D)				
(Without chassis ears/ protrusions)							
Package Dimensions  Expansion enclosure(JBOD)		JB 3012A JB 3016A JB 3024BA	H)x800mm (D) JB 3025BA JB 3060 JB 3060L				



# **EonStor GS Family**

-			_				
- 6	12	ta	~	r	71	•	

Data Scr vice						
	Snapshot	Snapshot images per source volume Snapshot images per system		nse: 64 / Advanced License: 256 nse: 128 / Advanced License: 4096		
Local Replication	Volume Copy/Mirror	Replication pairs per source volume Replication pairs per system		nse: 4 / Advanced License: 8 nse: 16 / Advanced License: 256		
	Note: Standard licens	se is included by default and advanced is an o	ptional license			
Thin Provisioning (default included)	"Just-in-time" capacity allocation optimizes storage utilization and eliminates allocated but unused storage space					
Self-encrypting drives	Unique factory encryption secures data plus makes deletion simple and complete					
Remote Replication(Block level)	Replication pairs per s Replication pairs per s					
	Note: The maximum r	number of replication pair per source volume	is up to 8, regardles	s of remote asynchronous/remote synchronous/local volume pairs		
Remote Replication(File Level)	Support Rsync with 128-bit SSH encryption					
Automated Storage Tiering (optional)	Two(2) or four(4)storage tiers based on drive types SSD supports					
Accelerating data access for random read-intensive environments, such as OLTP     Supports up to four SSDs per controller     Recommended DIMM capacity for SSD Cache pool:     DRAM:86B Max SSD Cache Pool Size: 300GB DRAM:256GB Max SSD Cache Pool Size: 3,200GB     DRAM:166B DRAM:32GB Max SSD Cache Pool Size: 400GB DRAM:256GB Max SSD Cache Pool Size: 3,200GB     DRAM:32GB Max SSD Cache Pool Size: 3,200GB DRAM:1024GB Max SSD Cache Pool Size: 3,200GB     DRAM:46GB Max SSD Cache Pool Size: 3,200GB DRAM:1024GB Max SSD Cache Pool Size: 3,200GB     DRAM:46GB Max SSD Cache Pool Size: 1,600GB DRAM:1024GB Max SSD Cache Pool Size: 3,200GB				Max SSD Cache Pool Size: 3,200GB Max SSD Cache Pool Size: 3,200GB Max SSD Cache Pool Size: 3,200GB		

EonCloud Gateway

File-level
Cache Mode: A copy of frequently accessed file is kept on a local storage and all files are also uploaded to cloud Sync Mode: Synchronizing files between local storage and cloudd.
Block-level
Cache Mode: A copy of frequently accessed data is kept on a local storage and all data are also flushed to cloud.
Backup Mode: All data are kept on local storage and all data are also flushed to cloud.
Tiering Mode: Frequently accessed data is kept on local storage and infrequently accessed data is migrated to cloud

EonCloud Gateway Version							
Feature	Feature EonCloud Gateway Standard			se EonCloud Gateway Ultimate			
Models applied For GS 1000: Standard license is included by default. Can be upgraded to EonCloud Enterprise version For GS 2000/3000/4000/5000: Standard license is included by default. Can be upgraded to EonCloud Enterprise or Ultimate version							
Cloud folder sync/cache	V		V	V			
Max. cache settings	5 (90 days trial)		5	10	10		
Cache policy and function parameters	Low priority Local	plicable only pulated	Default (LRU) Low priority High priority 90 days trial for others	Low priority L High priority P	o applicable ocal only repopulated equentially-preallocate		
Cloud volume cache	(90 days trial)		V	V			
Cloud volume backup	(90 days trial)		V	V			
Cloud volume tier	(90 days trial)		V	V			
Max. connected folder	5		5	32			
Max. connected volume	5		5	32			
Cloud folder cache size	≦ 1TB		≦ 2PB	≦ 2PB			
Cloud volume capacity	≦ 1TB		≦ 2PB	≦ 2PB	≦ 2PB		
		Service & Sup	oort				
Access right management		<ul> <li>Group management</li> <li>Integration with Window® AC</li> </ul>		nt - folder access control with AES			
Availability and reliability	<ul> <li>Redundant, hot-swappable hards</li> <li>Trunk group support</li> </ul>	ware modules • Device ma • CacheSafe		• Antivirus • WORM(For file level only)			
Management	Web-based EonOne management software     Automated cache flush and caching mode operation per enclosure status  Management     Module status LED indicators: component presence detection & thermal sensors via I2C bus     Storage Resource Management to analyze history records of resource usage     Automate repeatable management tasks by flexible workflow						
Notification	Notification Email, SNMP traps						
Applications	• File explorer • Proxy server •	Syslog server • VPN server	SyncCloud				
			16 , Windows 7 SP1 / Windows 8.1, M ic OS X, VMware, Citrix XenServer, Ope				
		3-year limited hardware warra warranty for 2 years)	anty and 8x5 phone, web, and email su	pport (Batteries are covered und	er		
	Replacement part dispatch on the next business day (up to 5 years)  Advanced service: 24x7 phone, web, and email support + onsite diagnostics on the next business day (up to 5 years)  Premium service: 24x7 phone, web, and email support + onsite diagnostics in 4 hours (up to 5 years)  Extended standard service up to 5 years			•			

Asia Pacific (Taipei, Taiwan) Infortrend Technology, Inc. Tel:+886-2-2226-0126 E-mail: sales.tw@infortrend.com

China (Beijing, China) Infortrend Technology, Ltd. Tel:+86-10-6310-6168 E-mail: sales.cn@infortrend.com Japan (Tokyo, Japan) Infortrend Japan, Inc. Tel:+81-3-5730-6551 E-mail: sales.jp@infortrend.com

Americas (Sunnyvale, CA, USA) Infortrend Corporation Tel:+1-408-988-5088 E-mail: sales.us@infortrend.com EMEA (Basingstoke, UK) Infortrend Europe Ltd. Tel:+44-1256-305-220 E-mail: sales.eu@infortrend.com

