OInfortrend



EonStor GSe SAS HDD Storage Scale-out Unified Storage for SMB

Highlights

High Performance and Scalability

- Up to 600K IOPS
- Up to 8GB/s read and 5.8GB/s write in throughput
- Scale-out and scale-up expansions to easily increase performance and capacity

High-Density Design

• Reduce hardware footprint with 4U 40/60bay models

Flexible Interface Options

Modular host boards with FC, SAS, and iSCSI protocols for host connection

Applications & Data Protection

- Various built-in applications, including Proxy server, LDAP server, Syslog server, and VPN server
- Integrated full-featured RAID protection
- Rich backup functions, including snapshot, volume copy, volume mirror, rsync, and IDR
- Crucial security features against ransomware attacks, including immutable object storage, WORM, and multi-factor authentication

Introduction

EonStor GSe SAS HDD storage, available from entry-level to high-end models, is a unified storage series that incorporates full-featured, enterprise-grade data services with RAID protection to deliver high performance and scalability without sacrificing affordability. With the feature of cloud integration, EonStor GSe allows SMBs and SMEs to integrate and expand their local SAN/NAS storage architecture into cloud services in an easy and cost-effectively manner.

Unified Storage System

Designed for SMBs, EonStor GSe allows companies to store and manage their valuable data at a reduced total cost of ownership by integrating NAS and SAN into one unified storage system.

Based on improved hardware and firmware, this series supports file-level protocols, including CIFS, NFS, AFP, and FTP, as well as block-level protocols, such as Fiber Channel, iSCSI, and SAS. By integrating these protocols and harnessing the power of Intel[®] multi-core CPU, EonStor GSe delivers not only outstanding flexibility but also incredible performance.

Moreover, EonStor GSe supports hybrid storage, and with its SSD cache and automated storage tiering, the storage system can automatically leverage the high performance I/ Os of SSDs for frequently accessed data, and use HDDs for massive data archive, thereby increasing the system performance and ROI.

Flexible Scalability with Scale-out and Scale-up

Through scale-out expansion, you can linearly increase performance and capacity for both block-level and file-level environments. When one GSe unit is no longer able to provide enough performance or capacity, you can simply add more GSe appliances to form a cluster—with a maximum of 4 GS units.

Through scale-up expansion, each GSe unit can be connected to JBOD expansion enclosures to add up to 896 drives. Together with scale-out expansion, GSe supports more than 3000 drives with over 50PB storage capacity.

Availability & Reliability

- Dual power supplies and cooling fans to ensure continuous uptime and service stability
- Super capacitor and a flash module to ensure data safety during a power outage
- HA service to ensure service continuity during site failures or system maintenance

Easy Maintenance

 Modular hardware design to simplify maintenance and ensure uninterrupted operations

Intuitive GUI

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

Comprehensive Business Applications & Data Protection

Integration with Microsoft AD and LDAP

EonStor GSe provides easy integration with existing business network environments through Microsoft[®] Active Directory (AD) and LDAP directory services, which allows system administrators to easily configure shared folder access permission by user account through ACL. Furthermore, EonStor GSe has perfectly integrated the LDAP Server function into the system, so customers do not need to construct additional LDAP Servers.

Comprehensive Data Services

EonStor GSe comes with inline compression and offline deduplication, which reduces the overall storage capacity required and thus saves costs.

To minimize the risk of data loss from unexpected disk failures, natural disasters, or power outages, EonStor GSe supports various backup features, such as Intelligent Drive Recovery (IDR), snapshot, local/remote replication, and file-level rsync.

EonStor GSe also incorporates crucial safety features to safeguard data from ransomware attacks. With immutable object storage, it retains data with WORM (write once read many) storage protection, where data gets "locked" and therefore cannot be modified, deleted, overwritten, or even encrypted by ransomware. By setting a retention period, you can easily follow government compliance requirements or company policies on data retention. To provide further security for administrative account access, multi-factor authentication (MFA) is also supported to reduce the risk of malicious attacks following password theft.

Complete Cloud Features

Integrated with the Intelligent Cloud Gateway Engine, EonStor GSe supports a wide range of both private and public cloud services, including Amazon S3 and Microsoft Azure, and offers various cloud features such as cloud tiering, cloud cache, and cloud backup to make the most out of your cloud storage. Combining local and cloud storage, these features allocate data in an automatic and optimal manner while saving setup and maintenance costs.

Availability & Reliability

EonStor GSe is equipped with dual power supplies and cooling fans to help ensure high data availability. The Cache Backup Module (CBM), which consists of a super capacitor and a flash module, prevents data loss during a power interruption or outage.

In addition, EonStor GSe offers HA service to deliver continuous availability with a nearzero RTO (recovery time objective) and a zero RPO (recovery point objective). With two storage devices deployed at near sites, the HA service provides a block-level active-active storage solution for applications that have an extremely low tolerance for downtime. Featuring synchronous remote replication, auto-failover and failback, this solution ensures identical and complete copies of data are stored on both storage devices and avoids service downtime due to planned or unexpected events.

Easy Maintenance

EonStor GSe features a modular hardware design, including hot-swappable fans and power supply units, to simplify maintenance and ensure continuous operations.

| Product Series | | GSe 3000 G3 | GSe 4000 G3 | |
|--|---|--|--|--|
| | 2U 12-bay | GSe 3012 G3 | GSe 4012 G3 | |
| Form Factor | 3U 16-bay | GSe 3016 G3 | GSe 4016 G3 | |
| | 4U 24-bay | GSe 3024 G3 GSe 4024 G3 | | |
| | 4U 40-bay | GSe 3040 t G3 GSe 3040 tC G3 | GSe 4040 G3 GSe 4040 C G3 | |
| | 4U 60-bay | GSe 3060 t G3 GSe 3060 tC G3 | GSe 4060 G3 GSe 4060 C G3 | |
| | | Note: T: High performance C: U.2 SSD cache | | |
| Controller | | Sin | gle | |
| Cache Backup Tech | nology (Optional) | Super capacitor + flash module | | |
| CPU | | Intel® Xeon® D 4-Core | Intel [®] Xeon [®] D 6-Core | |
| Cache Memory | | 2U 12-bay/3U 16-bay/4U 24-bay: Defaul 4U 40-bay/60-bay: Default DDR4 12GB I | | |
| Supported Drives | | 2.5" SAS and SATA SSD 2.5" 12Gb/s SAS 10,000 or 3.5" 12Gb/s NL-SAS 7,200 3.5" 6Gb/s SATA 7,200 RPM Bundled 2.5" U.2 NVMe SSI | RPM HDD | |
| | | Note: For the latest compatibility details, refer to our official website for the latest Compatibility Matrix. | | |
| Max. Drive Number | | 896 | | |
| Max. Block-level SSD Cache Pool | | 4T | В | |
| Onboard 25GbE Ports (SFP28) | | 2 | - | |
| Onboard SAS Expar | | 2 | | |
| Max. Host Board Slots | | 2 16Gb/s FC x 4 | | |
| Host Board Options | | 32Gb/s F 32Gb/s F 10GbE (5 | FC x 2 FC x 4 SFP+) x 2 SFP28) x 2 | |
| | | Note: For complete information, refer to our official website for the latest Host Board and Memory Guide. | | |
| Max. 16Gb/s FC Po | rts | 8 | \$ | |
| Max. 32Gb/s FC Po | rts | 8 | | |
| Max. 10GbE Ports (| (SFP+) | 4 | ۱ <u>ــــــــــــــــــــــــــــــــــــ</u> | |
| Max. 25GbE Ports (| (SFP28) | 6 | 4 | |
| Max. 12Gb/s SAS P | Ports | 4 | i | |
| Expansion Enclosures (JBODs) | | 2U 12-bay: JB 3012A, JB 3016A, JB 3060L 3U 16-bay: JB 3016A, JB 3060L 4U 24-bay/40-bay/60-bay: JB 3060L | | |
| Dimensions (Without Chassis Ears and Protrusions) (W x H x D) | | 2U 12-bay: 449 x 88 x 509.8 mm 3U 16-bay: 449 x 130 x 509.8 mm 4U 24-bay: 449 x 174.6 x 509.8 mm 4U 40-bay: 443.2 x 176 x 735.8 mm 4U 60-bay: 443.2 x 176 x 849.8 mm | | |
| Package Dimension W x H x D) | IS | 2U 12-bay: 780 x 379 x 588 mm 3U 16-bay: 780 x 423 x 588 mm 4U 24-bay: 780 x 465 x 588 mm 4U 40-bay: 620 x 460 x 1032 mm 4U 60-bay: 620 x 460 x 1140 mm | | |
| | Power Supplies (Redundant and Hot-swappable) | 2U 12-bay/3U 16-bay/4U 24-bay: 530W 4U 40-bay/60-bay: 1200W x 2 (80 PLUS | v x 2 (80 PLUS Bronze, 80 PLUS Gold for EU) S Platinum) | |
| | | | | |
| Power Supply Unit | AC Voltage | 2U 12-bay/3U 16-bay/4U 24-ba 4U 40-bay/60-bay: 100-127VAC | y: 100VAC @10A to 240VAC @5A C @10A, 200-240VAC @8A | |
| ² ower Supply Unit | AC Voltage Frequency | | C @10A, 200-240VAC @8A | |

| 4124 boy 0.6.9 | Form Factor 4 Controller Cache Backup Technol CPU | U 16-bay | GSe 1016 2 - | GSe 2016 / GSe 2016 T - | | - GSe 4016 2 | | |
|--|--|-------------------------------|--|---|---|---|--|--|
| Form Fields Aut 2 Alary Inter 2 Gant 2 T. High performance U Controller GSIs 3024 2 GSIs 40242 Controller Super Capacity I Hall Manual 2 Heart 2 Gant 2 T. High performance Colles Backage Technology (Optional) Intel [®] Actuar [®] 4 Actuar Intel [®] Particle I Hall Manual 2 Intel [®] Actuar [®] 4 Care Intel [®] 4 Care | Form Factor4 Controller Cache Backup Technol CPU | IU 24-bay | - | - | | GSe 4016 2 | | |
| <table-container> Idea <</table-container> | 4 Controller Cache Backup Technol CPU | | - Note: 2 : Gen2 T : High performance | • | GSe 3024 2 | | | |
| Controller Super appetitivity Super appetiti | Cache Backup Technol CPU | logy (Optional) | Note: 2: Gen2 T: High performance | 1 | | GSe 4024 2 | | |
| Backup Technology (Dptional) Intel [®] Avetan [®] 4.Core (PL) Stater capaciter + thath module Intel [®] Xeon [®] 4.Core (Intel [®] Xeon [®] 4.Core) Intel [®] Xeon [®] 4.Core Intel [®] | Cache Backup Technol CPU | logy (Optional) | | | | | | |
| CPU Intel [®] Avoin [®] 4-Core Intel [®] Pertur 1004 808 Depantable up to 16608 Intel [®] Vent [®] 4-Core Intel [®] Xeon [®] X | CPU | logy (Optional) | | Sin | gle | | | |
| Cache Mumory (per system) Default DDR3 8GB Expansible up to 16GB Default DDR4 8GB Exp | | | Super capacitor + flash module | | | | | |
| Latenti beninny (per synth) Expanable up to 1668 Depanable up to 1668 Depanable up to 1668 Expanable up to 1668 Expanable up to 1668 Sepanable up to 1668 S | Cache Memory (per sy | | Intel [®] Avoton [®] 4-Core | Intel [®] Pentium [®] 2 or 4-Core | Intel [®] Xeon [®] 4-Core | Intel [®] Xeon [®] 8-Core | | |
| Supported DurySin Size Size Size Size Size Size Size Size | | ystem) | | | | | | |
| Max. Biok-level SSD Cache Pool448996 (with expansion bourd)Max. Biok-level SSD Cache Pool0.61781.617B41784178Onboard SAS Expansion Port1122Onboard GibE Ports (RF-4)0044Onboard 10GibE Ports (SFP+)0044Max. Host Board Stots1122Max. Host Board Stots101111Max. Host Board Stots01111Max. Host Board Stots1001111Max. Edua Stots Stats X2)01111Max. Edua Stots Stats X2)16Gbb FC X 4 32Gbb FC X 2 32Gbb FC X 4 10Gbc (SFP+) X2 22GbE (SFP8) X2 12Gbb SAS X 232Gbb FC X 4 32Gbb Stots X 232Gbb FC X 4 32Gbb FC X 4 <b< td=""><td>Supported Drives</td><td></td><td colspan="5">2.5" SAS or SATA SSD 2.5" 12Gb/s SAS 10,000 or 15,000 RPM HDD</td></b<> | Supported Drives | | 2.5" SAS or SATA SSD 2.5" 12Gb/s SAS 10,000 or 15,000 RPM HDD | | | | | |
| Max. Block-level SSD Cache Pool 0.6TB 1.6TB 4TB 4TB Onboard SAS Expansion Port 1 1 2 2 Onboard SAS Expansion Port 4 4 0 0 Onboard SAS Expansion Port 7 0 0 4 4 Onboard SAS Expansion Ports (SP+) 0 0 4 4 4 Max. Host Board Stols 1 2 2 2 2 2 Max. Expansion Boards (12Gb/s SAS x 2) 0 1 | | | Note: For the latest compatibility details, refer to our official website for the latest Compatibility Matrix. | | | | | |
| Onload 3AS Expansion Port1122Onload 1GE Ports (R1-45)< | Max. Drive Number | | 448 896 (with expansion board) | | | | | |
| Onload 1GbE Ports (RI-45)440Onload 1GbE Ports (SFP+)0044Max. Host Board Stots1111Max. Expansion Boards (12Gb): SAS x 2)0111Max. Expansion Boards (12Gb): SAS x 2)0111Mest Board OptionsExpansion Boards (12Gb): SAS x 232Gbb: FC x 2 32Gbb: SC x 2 25GbE (SFP28) x 2 25GbE (SFP28) x 2 | Max. Block-level SSD (| Cache Pool | 0.6TB | 1.6TB | 4TB | 4TB | | |
| Onload 10GE Ports (SPP +)004Max. Host Board Slots122Max. Host Board Slots011Max. Expansion Bords (12Gb/s SAS x 2)011Max. Expansion Bords (12Gb/s SAS x 2)011Host Board Options111Max. Expansion Bords (12Gb/s SAS x 2)111Max. Expansion Bords (12Gb/s SAS x 2)111Host Board Options1111Max. Sachar Expansion Bords (12Gb/s SAS x 2)111Max. 1Gb/s FC Ports4888Max. 1Gb/s FC Ports4888Max. 1Gb/s FC Ports2444Max. 1Gb/s FC Ports2488Max. 1Gb/s FC Ports (SFP)2444Max. 1Gb/s FC Ports (SFP)2444Max. 1Gb/s FC Ports (SFP)2444Max. 1Gb/s FC Ports (SFP)2444Max. 1Gb/s FC Ports (SFP)3344Max. 1Gb/s FC Ports (SFP)3344Max. 1Gb/s FC Ports (SFP)3344Max. 1Gb/s FC Ports (SFP)1111Max. 1Gb/s FC Ports (SFP2)11111Max. 1Gb/s FC Ports (SFP2)13344Max. 1Gb/s FC Ports (SFP2)11111 <td>Onboard SAS Expansio</td> <td>on Port</td> <td>1</td> <td>1</td> <td>2</td> <td>2</td> | Onboard SAS Expansio | on Port | 1 | 1 | 2 | 2 | | |
| Max. Host Board Slots1222Max. Expansion Boards (12Gb/s SAS x 2)0111Max. Board Slots11111Max. Expansion Boards (12Gb/s SAS x 2)11111Most Board OptionsImage: Carponet and the state of the | Onboard 1GbE Ports (RJ-45) | | 4 | 4 | 0 | 0 | | |
| Max. Expansion Boards (12Gb/s SAS x 2) 0 1 1 Host Board Options 16Gb/s FC x 4 32Gb/s FC x 2 1GB/s FC x 2 2SGBC (SFP2) x 2 2SGBC (SFP2) x 2 2SGBC (SFP2) x 2 2GGBC (S | Onboard 10GbE Ports (SFP+) | | 0 | 0 | 4 | 4 | | |
| Host Board Options 16Gb/s FC x 4 32Gb/s FC x 2 1Gb/s (RJ-45) x 4 10Gb/s (RJ-45) x 4 10Gb/s (RJ-45) x 2 12Gb/s SAS x 2 16Gb/s FC x 4 32Gb/s FC x 2 32Gb/s FC x 1 10Gb/s CFP +) x 2 22Gb/s CFP x 2 32Gb/s FC x 1 10Gb/s CFP +) x 2 22Gb/s CFP x 2 32Gb/s FC x 1 10Gb/s SAS x 2 Max. 16Gb/s FC Ports 4 8 8 8 Max. 16Gb/s FC Ports 2 4 4 4 Max. 16Gb/s FC Ports 8 12 0 0 Max. 16Gb rots 8 12 0 0 Max. 16Gb/s FC Ports 2 4 4 4 Max. 16Gb rots (SFP+) 2 4 4 4 Max. 16Gb/s SAS Ports 13 3 4 4 Max. 12Gb/s SAS Ports </td <td colspan="2">Max. Host Board Slots</td> <td>1</td> <td>2</td> <td>2</td> <td>2</td> | Max. Host Board Slots | | 1 | 2 | 2 | 2 | | |
| Hots Board Options States for C x 2 10Gb (RJ-51) x 2 23GB (R) (SP 26) x 2 3GB (R | Max. Expansion Board | s (12Gb/s SAS x 2) | 0 | 1 | 1 | 1 | | |
| Max. 166b/s FC Ports A4 8 8 Max. 326b/s FC Ports 2 4 4 4 Max. 326b/s FC Ports 8 12 0 0 Max. 16bE Ports 8 12 0 0 Max. 16bE Ports (SFP+) 2 4 8 8 Max. 16bE Ports (SFP+) 2 4 8 8 Max. 256bE Ports (SFP28) 2 4 4 4 Max. 126b/s SAS Ports 33 4 4 Max. 126b/s SAS Ports 33 4 4 Expansion Enclosures (JBODs) JB 3012A, JB 3016A, JB 3025BA, JB 3025BA, JB 3060L JB 3012A, JB 3016A, JB 3025BA, JB 3025BA, JB 3060L JB 3012A, JB 3016A, JB 3025BA, JB 3025BA, JB 3060L Dimensions (Without Chasis Ears and Protrusions) CLT_2 $2U 12-hay: 449 \times 130 \times 500 mm 30 16-hay: 780 \times 423 \times 588 mm 30 16-hay: 780 \times 425 \times 530W x 2 (80 PLUS Bronze) Follow A 2 (80 PLUS Bronze) Power Supplies (Redundant and Hot-swappable) 460W x 2 (80 PLUS Bronze) S30W x 2 (80 PLUS Bronze) S30W x 2 (80 PLUS Bronze) Power Supplies (requndant and Hot-swappable) 1$ | Host Board Options | | 32Gb/s FC x 2 1GbE (RJ-45) x 4 10GbE (SFP+) x 2 25GbE (SFP28) x 2 | | 32Gb/s FC x 2 32Gb/s FC x 4 10GbE (SFP+) x 2 25GbE (SFP28) x 2 | | | |
| Max. 32Gb/s FC Ports Q 4 4 Max. 32Gb/s FC Ports 2 4 4 4 Max. 1GbE Ports 8 12 0 0 Max. 1GbE Ports (SFP+) 2 4 8 8 Max. 25GbE Ports (SFP28) 2 4 4 4 Max. 12Gb/s SAS Ports 3 3 4 4 Max. 12Gb/s SAS Ports JB 3012A, JB 3016A, JB 3025BA, JB 3060L JB 3012A, JB 3012A, JB 3016A, JB 3025BA, JB 3060L JB 3012A, JB 3015A, JB 3025BA, JB 3060L JB 3012A, JB 3015A, JB 305BA, JB 305BA, JB 3050 mm JB 3012A, JB 3015A, JB 305BA, JB 305BA, JB 3050 mm JB 3012A, JB 3015A, JB 305BA, JB 305BA, JB 305 mm JU 2-bay: 449 x 174 4 x 500 mm JU 2-bay: 449 x 174 4 x 500 mm JU 2-bay: 449 x 174 4 x 500 mm JU 2-bay: 449 x 174 4 x 500 mm JU 2-bay: 449 x 174 4 x 500 mm JU 2-bay: 449 x 174 4 x 500 mm JU 2-bay: 780 x 425 x 588 mm JU 2-bay: 449 x 174 d x 500 mm JU 2-bay: 449 x 174 d x 500 mm JU 2-bay: 440 x 174 d x 500 mm JU 2-bay: 440 x 174 d x 500 mm JU 2-bay: 440 x 174 d x 500 mm JU 2-bay: 440 x 174 d x 500 mm JU 2-bay: 440 x 174 d x 500 mm JU 2-bay: 440 x 174 d x 500 mm JU 2-bay: 440 x 1 | | | Note: For complete information, refe | er to our official website for the latest | Host Board and Memory Guide. | | | |
| Max. 1GbE Ports R8 12 0 0 Max. 1GbE Ports (SFP+) 2 4 8 8 Max. 25GbE Ports (SFP28) 2 4 4 4 Max. 12Gb/s SAS Ports (SFP28) 2 4 4 4 Max. 12Gb/s SAS Ports (SFP28) 3 3 4 4 Kax. 12Gb/s SAS Ports (JBODs) JB 3012A, JB 3016A, JB 3025BA, JB 3060L JB 3012A, JB 3016A, JB 3025BA, JB 3025BA, JB 3060L JB 3012A, JB 3016A, JB 3025BA, JB 3060L Dimensions (Without Chassis Ears and Protrusions) (W x H x D) JB 5012A, JB 3016A, JB 3025BA, JB 3025BA, JB 300500 mm 33U 16-bay: 449 x 130 x 500 mm 3U 16-bay: 449 x 130 x 500 mm 3U 16-bay: 780 x 423 x 588 mm 4U 24-bay: 780 x 425 x 588 mm 3U 16-bay: 780 x 423 x 588 mm 4U 24-bay: 780 x 425 x 588 mm 4U 24-bay: 780 x 426 x 55 x 588 mm 4U 24-bay: 780 x 426 x 55 x 588 mm 4U 24-bay: 780 x 426 x 55 x 588 mm 4U 24-bay: 780 x 420 x 2 (80 PLUS Bronze) JB 500Ch Z 400AC @AA Power Supplies (Redundant and Hot-swappable) 460W x 2 (80 PLUS Bronze) < | Max. 16Gb/s FC Ports | | 4 | 8 | 8 | 8 | | |
| Max. 10 GbE Ports (SFP +)2488Max. 25 GbE Ports (SFP28)2444Max. 25 GbE Ports (SFP28)3344Max. 12 Gb/s SAS Ports3344Expansion Enclosures (JBODs)JB 3012A, JB 3016A, JB 302 KA, JB 3025BA, JB 3060LJB 3012A, JB 3016A, JB 3025BA, JB 3026DA, JB 3025BA, JB 3060LJB 3012A, JB 3016A, JB 302 KA, JB 3025BA, JB 3060LDimensions (Without Chassis Ears and Protrusions) (W x H x D) $C_{12} C_{12} C_{12$ | Max. 32Gb/s FC Ports | | 2 | 4 | 4 | 4 | | |
| Max. 25GbE Ports (SFP28)244Max. 25GbE Ports (SFP28)3344Max. 12Gb/s SAS Ports3344Expansion Enclosure (JBODs)JB 3012A, JB 3016A, JB 3016A, JB 3025BA, JB 3060LJB 3012A, JB 3016A, JB 3025BA, JB 3060LJB 3012A, JB 3016A, JB 3025BA, JB 3060LDimensions (Without Chassis Ears and Protrusions) (W x H x D) $2U 12$ -bay: 449 x 130 x 500 mm 3U 16-bay: 449 x 130 x 500 mm 3U 16-bay: 780 x 423 x 588 mm 3U 16-bay: 780 x 423 x 588 mm 4U 24-bay: 780 x 423 x 588 mm 4U 24-bay: 780 x 425 x 580 mm 4U 24-bay: 780 x 455 x 588 mm 4U 24-bay: 780 x 455 x 588 mm 4U 24-bay: 780 x 455 x 45 | Max. 1GbE Ports | | 8 | 12 | 0 | 0 | | |
| Max. 12Gb/s SAS Ports G 3 4 4 Expansion Enclosures (JBODs) JB 3012A, JB 3016A, JB 3024BA, JB 3025BA, JB 3060L JB 3012A, JB 3016A, JB 3025BA, JB 3060L JB 3012A, JB 3016A, JB 3025BA, JB 3060L Dimensions (Without Chassis Ears and Protrusions) (W x H x D) Image: Search and Protrusions) Image: Search and Protrusio | Max. 10GbE Ports (SFP+) | | 2 | 4 | 8 | 8 | | |
| Expansion Enclosures (JBODs) JB 3012A, JB 3016A, JB 3024BA, JB 3025BA, JB 3060L JB 3012A, JB 3016A, JB 3025BA, JB 3060L Dimensions (With ut has been been been been been been been bee | Max. 25GbE Ports (SFP28) | | 2 | 4 | 4 | 4 | | |
| Dimensions (Without Chassis Ears and Protrusions) (W x H x D) 2U 12-bay: 449 x 88 x 500 mm 3U 16-bay: 449 x 130 x 500 mm 4U 24-bay: 449 x 174.4 x 500 mm Package Dimensions (W x H x D) 2U 12-bay: 780 x 379 x 588 mm 3U 16-bay: 780 x 423 x 588 mm 4U 24-bay: 780 x 465 x 588 mm Power Supplies (Redundant and Hot-swappable) 460W x 2 (80 PLUS Bronze) Power Supplies (Redundant and Hot-swappable) 460W x 2 (80 PLUS Bronze) AC Voltage 100VAC @8A to 240VAC @4A Frequency 50-60 HZ | Max. 12Gb/s SAS Port | ts | 3 | 3 | 4 | 4 | | |
| Differentiations (withinder Chassis Ear's and Profeeduitions) 3U 16-bay: 3U 16-bay: 449 x 130 x 500 mm W x H x D) 2U 12-bay: 780 x 379 x 588 mm Package Dimensions (W x H x D) 2U 12-bay: 780 x 423 x 588 mm Power Supplies (Redundant and Hot-swappable) 460W x 2 (80 PLUS Bronze) Power Supply Unit AC Voltage 100VAC @8A to 240VAC @4A Frequency 50-60 HZ 47-63 HZ | Expansion Enclosures | (JBODs) | JB 3012A, JB 3016A, JB 302 | 24BA, JB 3025BA, JB 3060L | JB 3012A, JB 3016A, | JB 3025BA, JB 3060L | | |
| Package Dimensions (W x H x D) 3U 16-bay: 780 x 423 x 588 mm 4U 24-bay: 780 x 465 x 588 mm Power Supplies (Redundant and Hot-swappable) 460W x 2 (80 PLUS Bronze) Power Supply Unit Frequency 100VAC @8A to 240VAC @4A Frequency 50-60 HZ | | Chassis Ears and Protrusions) | 3U 16-bay: 449 x 130 x 500 mm | | | | | |
| Power Supply Unit AC Voltage 100VAC @8A to 240VAC @4A 100VAC @10A to 240VAC @5A Frequency 50-60 HZ 47-63 HZ | | | 3U 16-bay: 780 x 423 x 588 mm | | | | | |
| Ac voltage Touvac @sa to 240vac @4a Touvac @10a to 240vac @sa Frequency 50-60 HZ 47-63 HZ | (| | 460W x 2 (80 PLUS Bronze) | x 2 (80 PLUS Bronze) 530W x 2 (80 PLUS Bronze) | | | | |
| | Power Supply Unit A | AC Voltage | 100VAC @8A to 240VAC @4A | | 100VAC @10A to 240VAC @5A | VAC @10A to 240VAC @5A | | |
| | F | requency | 50-60 HZ | | 47-63 HZ | | | |

| Nuclear Diversion30Ancipate Diversion520Bin Biory520Ancipate Diversion520Ancipate Diversion< | SOFTWAR | E SPECIFICATIONS | | | | | |
|---|------------------------------|----------------------------------|---|--|--|--|--|
| No. 96 km 960, 208.0 400.1 (208.0 508.0 507.0 or 100400 printigications No. Post Size 99 No. Post Size 99 No. No. No. Were Size 99 No. | Max. Logical Drive Number | | 30 | | | | |
| MR Info; MR Bake with Integra die. MR Parks // Land Service Servic | Max. Logical Drive Capacity | | 512TB | | | | |
| Ana. Pool Sur- P9 Max. Pool Number 99 Max. Values Sur- 99 Max. Values Number 99 Max. Values Number 99 Max. Values Number 99 Max. Values Number 99 Max. Manus Sur- 99 Max. Heat Like Number (un Hook-Like One) 96 Max. Rest Statistike 66 Max. Rest Statistike 61 Max. Rest Statistike 64 Max. Rest Statistike< | Stripe Size | | 16KB, 32KB, 64KB, 128KB, 256KB, 512KB, or 1024KB per logical drive | | | | |
| Ake, Rev Nutriery 9 Max, Volume Size 29 Max, Volume Size 606 Max, Notar LUK Nutriery Futureir 606 Max, Reserved Top Nutriering (per Host-LUN Conscience) 266 Strenger Top Nutriering (per Host-LUN Conscience) 266 Max, Reserved Top Nutriering (per Host-LUN Conscience) 266 Max, Runar of Conscript Top Nutriering (per Host-LUN Conscience) 262 Max, Runar of Conscript Top Nutriering (per Host-LUN Conscience) 262 Max, Runar of Conscript Top Nutriering (per Host-LUN Conscience) 262 Max, Runar of Conscript Top Nutriering (per Host-LUN Conscience) 262 <t< td=""><td colspan="2">Write Policy</td><td colspan="3">Write-Back or write-through per logical drive.</td></t<> | Write Policy | | Write-Back or write-through per logical drive. | | | | |
| Kvidune isonal and set into the server isonal and set into the servere isona and set into the server isonal and set into the servere | Max. Pool Size | | 2PB | | | | |
| Kx Volume Intervence 1044 Kx Kont Link Link Connection 368 Kx Kont Link Link Connection 368 Kx Kont Link Link Connection 188 Kx Kont Link Link Connection 188 Kx Kont Link Link Link Link Link Link Link Link | Max. Pool Number | | 30 | | | | |
| Ans. Host LUM Hugeing humber 4969 Max. Reserved Tay Humber (per Host LUM Connection Max. SCSI Instaturs 163 Max. SCSI Instaturs 183 RAD C, RAD 1, RAD 3, RAD 5, RAD 6, RAD 10, RAD 30, RAD 50, RAD 60, R | Max. Volume Size | | 2PB | | | | |
| As. Reserver fuer Host-Link Committeen 555 Max. RSISE Initiature 15 Max. KSISE Initiature RAID 0. RAID 1. RAID 3. RAID 5. RAID 6. RAID 10. RAID 30. RAID 50. RAID 5 | Max. Volume Numb | er | 1024 | | | | |
| Ass. ISSEI Initiations 415 Max. Ikist Correction Number (pr FC) 128 RND Options File Level 0File SMB (Version 2.0.3.0.), NFS (Version 2.3.4), APP (Version 3.1.12), FIP,PDP (vertip 2.3.4), WebDAP (Impd package 2.4.6) Supported Biock Level File Level 0File SMB (Version 2.0.3.0.), NFS (Version 2.3.4), APP (Version 3.1.12), FIP,PDP (vertip 2.3.4), WebDAP (Impd package 2.4.6) Max. Number of Lovel Doject Level ReSTULAPI Max. Number of Lovel 2000 Control SMB (Version 2.0.4), NFS (Version 2.3.4), APP (Version 2.3.4), Version 2.3.4), APP (Version 2.3.4), Version 2.3.4), Version 2.3.4), Version 2.3.4, APP (Version 2.3.4), Version 2.3.4), Version 2.3.4, Version 2 | Max. Host LUN Map | ping Number | 4096 | | | | |
| Kess Host Connection 128 RAD Options RAD 0, RAD 0 | Max. Reserved Tag | Number (per Host-LUN Connection) | 256 | | | | |
| RAID Options RAID 0, RAID 1, RAID 3, RAID 6, RAID 10, RAID 30, RAID 50, RAID 50 Bugenried Periods File Level CFSSMR (Wrision 2.0.0.0, NFS (Wrision 2.0.4), AFP (Wrision 3.1.12), FTP/FXP (vstlp 2.3.4), WebDAV (tittpd package 2.4.6) Bugenried Periods File Level File SSMR (Wrision 2.0.0.0, NFS (Wrision 2.0.4), AFP (Wrision 3.1.12), FTP/FXP (vstlp 2.3.4), WebDAV (tittpd package 2.4.6) Bugenried Periods File Level File SSMR (Wrision 2.0.0.0, NFS (Wrision 2.0.4), AFP (Wrision 3.1.12), FTP/FXP (vstlp 2.3.4), WebDAV (tittpd package 2.4.6) File Level File SSMR (Wrision 2.0.0.0, NFS (Wrision 2.0.4), AFP (Wrision 3.1.12), FTP/FXP (vstlp 2.3.4), WebDAV (tittpd package 2.4.6) File Level Rax Rumber of User of Source 78 Max. Rumber of User of Source 79 79 Max. Number of Source of Source 70 70 Max. Number of Concurrent Namp 64 70 Management *Web-biosof Enrotope monitore *Outer concurrent Namp Management *Web-biosof Enrotope monitore *Outer concurrent Namp *Web-biosof Enrotope monitore *Outer concurrent Namp *Outer concurrent Namp *Web-biosof Enrotope monitore *Outer concurrent Namp *Outer concurrent Namp Management *Web-biosof Enrotope monitore *Outer concurrent Namp *Web-biosof Enrotope monitore *Outer concurrent Namp Management *Outer concu | Max. iSCSI Initiators | 3 | 416 | | | | |
| Bioported Protocole File Level CFS/SVMB (Version 2.03.0), MFS (Version 2.03.4), AFP (Version 3.1.12), FTP/KP (vertip 2.3.4), WebDAV (http package 2.4.6) Biock Level EC, ISOS, SAS ESTIM API Max. File System Size 2P9 Max. Number of User Accounts 2000 Max. Number of User Accounts 2020 Max. Number of User Accounts 2020 Max. Number of User Accounts 2020 Max. Number of User Accounts 1224 Max. Number of Syno. Jobs 1224 Max. Number of Concurrent Rayro Processes 64 Max. Number of Concurrent Rayro Processes 64 Marsagement - Web Associa formit management - Group management - G | Max. Host Connecti | on Number (per FC) | 128 | | | | |
| Supported Protocol Biock Level FC, ISCSI, SAS Object Level RCS (SSI, SAS Max. File System Size 2PB Max. File System Size 2000 Max. Number of User Accounts 20000 Max. Number of User Accounts 2048 (MFS/CIFS/FTP) 255 (APP) Max. Number of Shared Folder 2048 (MFS/CIFS/FTP) 255 (APP) Max. Number of Concurrent Ryse Processers 64 Max. Number of Concurrent Ryse Processers 64 Max. Number of Concurrent Ryse Processers Folder Factor authentication topin mechanism (Noter account management) South Arasegment) Marangement Folder Factor authentication topin mechanism (Noter account management) South Arasegment) South Arasegment) South arasegment / South Factor authentication topin mechanism (Noter account management) South Factor authentication topin mechanism (Noter account management) South Factor authentication topin mechanism (South Factor account management) South Factor account management) South Factor account management) Marangement Folder Factor authentication topin mechanism (South Factor account management) South Factor account management) South Factor account management) Marangement / South Factor account management / South Factor account management) | RAID Options | | RAID 0, RAID 1, RAID 3, RAID 5, RAID 6, RAID 10, RAID 30, RAID 50, RAID 60 | | | | |
| Protocols Book Level Pro, Book, SAS Object Level RESTUL AP Max. File System Size 2PB Max. Number of User Accounts 20000 Max. Number of Concurrents 64 Max. Number of Concurrents 64 Max. Number of Concurrents 64 Max. Number of Concurrents 512 Max. Number of Concurrents 64 Max. Number of Concurrents 64 Mass. Subsect Economanagement | | File Level | CIFS/SMB (Version 2.0/3.0), NFS (Version 2/3/4), AFP (Version 3.1.12), FTP/FXP (vsftp 2.3.4), WebDAV (httpd package 2.4.6) | | | | |
| Max. File System Size 2PB Max. Number of User Accounts 0000 Max. Number of User Accounts 512 Max. Number of User Groups 512 Max. Number of Shared Folder 048 (NFS/CIFS/FTP) [255 (AFP) Max. Number of Concurrent Rsy 043 (NFS/CIFS/FTP) [255 (AFP) Max. Number of Concurrent Rsy 64 Max. Number of Concurrent Rsy 044 (NFS/CIFS/AFP) [1024 (TFP) Management VMInf-factor authentication login mechanism 'NWer-based Endone management software 'Storge Resource Management - Folder encryption with AES 'Storge Resource Management to analyze history of resource usage Management - Storge Resource Management - Folder encryption with AES 'Storge Resource Management - Folder encryption with AES 'Storge Resource Management to analyze history of resource usage Availability and Habit - Immutathe object storage 'Information resource usage - Cache safe technology 'UPS 'UNF group Notification - Immutathe object storage 'Informedeuplication - SNMP traps Applications - SMMP raps - Cache safe inclinology 'UPS server' 'Synbig server' 'Synbig server' 'Synbig server' 'Synbig server' 'Synbig server' 'Synbig server' 'Soncer - Soncer Suported Cos - Sinclose Gateway suports integration with the following cloud providers: Amazon S3, Microsoft Azure, Alibaba Cloud, Ope | | Block Level | FC, ISCSI, SAS | | | | |
| Aix Number of User Groups 52 Max Number of User Groups 048 (NS/CIFS/FT) 25 / FT) Max Number of User Groups 048 (NS/CIFS/FT) 25 / FT) Max Number of User Groups 047 Max Number of Concernents 048 (NS/CIFS/FT) 024 (TF) Max Number of Concernents NUMF-Grot anterication (opp mechanism) Number of Concernents NUMF-Group management of solver anagement of solver anagemen | | Object Level | RESTful API | | | | |
| Here 4 12 Max. Number of User Groups 124 Max. Number of Shared Folde 1244 Max. Number of Rayno Jobs 124 Max. Number of Concurrent Rayno 64 Max. Number of Concurrent Rayno 124 Maraagement Storder Frazer Web-based Conforme management of login mechanism User account management of login mechanism Corroup management - folder access control Storage Resource Management ALSS Storage Resource Management of analyze history of resource usage Availability and Relia-bility Immutable object storage Decisione management - folder access control Storage Resource Management of analyze history of resource usage Efficiency Immutable object storage Decisione management - folder access control Storage Resource Management of analyze history of resource usage Availability and Relia-bility Immutable object storage Decisione management - folder access control Storage Resource Management of analyze history of resource usage Efficiency Immutable object storage Decisione management - folder access control Storage Resource Management - folder access control Applicta | | Max. File System Size | 2РВ | | | | |
| He Level Max. Number of Shared Folder 2048 (NFS/CIFS/FTP) 125 (AFP) Max. Number of Rsync Jobb 1024 Max. Number of Concurrent Rsync Processes 64 Max. Number of Concurrent Rsync Processes 64 Management | | Max. Number of User Accounts | 20000 | | | | |
| File Level Max. Number of Rsyne. Jobs 1024 Max. Number of Concurrent Rsyne. 64 Max. Number of Concurrent Rsyne. 64 Max. Number of Connections 2048 (NFS/CIFS/AFP) 1024 (FTP) Management - Multi-factor authentication login mechanism - User account management software - User account management - Older access control - Ouota management - Folder encryption with AES - Inder encryption with ECS - Inder encryption with AES - Inder encryption with the following cloud providers: Amazon S3, Microsoft Azure, Alibaba Cloud, OpenStack, Baidu Cloud, Google Cloud, Tencent Cloud, Wasabi Cloud, etc. Supported OS - Microsoft Mindows Server, Red Hat Enterprise Linux, Mac OS X, Vilware. | | Max. Number of User Groups | 512 | | | | |
| Max. Number of Concurrent Rsyn Processes 64 Max. Number of Connections 2048 (NFS/CIFS/AFP) 1024 (FTP) Maragement Subtractor authentication login mechanism (Web-based Enotine management software -Group management - folder access control • Ouota management • Isidier encryption with AES • Isidiar encryption with MErosoft Active Directory (AD) and Linux LDAP • Storage Resource Management to analyze history of resource usage Availability and Reliability • Immutable object storage • Device mapper • Autivirus • Cache safe technology • WORN (file level only) • SMB Multichannel Efficiency • Inline compression • Offline deduplication • SMP traps Applications • Email • SMP traps Applications • Web-based file explorer • Systog server • VPN server • LDAP server • Docker Supported Cloud Services • Derice information about cloud providers: Amazon S3, Microsoft Azure, Aliababa Cloud, dec. Supported OS • Derice information about cloud providers support, please refer to EonCloud Gateway webpage https://www.infortrend.com/global/ | File Level | Max. Number of Shared Folder | 2048 (NFS/CIFS/FTP) 255 (AFP) | | | | |
| Processes or Max. Number of Connections 2048 (NFS/CIFS/AFP) 1024 (FTP) Management • Multi-factor authentication login mechanism • Web-based EonOne management software • User account management software • Folder encryption with AES • Folder encryption with AES • Folder oncryption with AES • Folder build duices of Active Directory (AD) and Linux LDAP • Storage Resource Management to analyze history of resource usage Availability and Reliability • Inmutable object storage • Hot-wapapable hardware modules • Oevice mapper • Oevice maper • Oevice mapper • Oevice ma | | Max. Number of Rsync Jobs | 1024 | | | | |
| Management • Muti-factor authentication login mechanism • Web-based EonOne management software • User account management software • Folder management • Storage Resource Management to analyze history of resource usage • Cache safe technology • UPS • WoRM (file level only) • SMB Multichannel • UDAP server • Docker • D | | | 64 | | | | |
| Management • Web-based EonOne management software • Folder management • Folder management • Folder management • Storage Resource Management to analyze history of resource usage Availability and Reliability • Immutable object storage • Cache safe technology • UPS Availability and Reliability • Immutable object storage • Cache safe technology • UPS • Attivirus • Inline compression • Storage Resource Management • UPS Efficiency • Inline compression • Storage Resource • UPS Applications • Email • SNMP traps • More Storage Applications • Web-based file explorer • Syslog server • LDAP server • Proxy server • VPN server • Docker • Docker Supported Cloud Services EonCloud Gateway supports integration with the following cloud providers: Amazon S3, Microsoft Azure, Alibaba Cloud, OpenStack, Baidu Note: For complete information about cloud provides support, please refer to EonCloud Gateway webpage https://www.infortrend.com/global/ solutions/eoncloud Microsoft Windows Server, Red Hat Enterprise Linux, Mac OS X, VMware. | | Max. Number of Connections | 2048 (NFS/CIFS/AFP) 1024 (FTP) | | | | |
| Availability and Reliability +Hot-swappable hardware modules • UPS Device mapper • WORM (file level only) • Antivirus • Mitrivrus • Trunk group • SMB Multichannel Efficiency • Inline compression • Offline deduplication • Offline deduplication Notification • Email • SNMP traps Applications • Web-based file explorer • Syslog server • LDAP server • Docker • Droxy server • Docker Supported Cloud Services EonCloud Gateway supports integration with the following cloud providers: Amazon S3, Microsoft Azure, Alibaba Cloud, OpenStack, Baidu Note: For complete information about cloud providers support, please refer to EonCloud Gateway webpage https://www.infortrend.com/global/ Supported OS Microsoft Windows Server, Red Hat Enterprise Linux, Mac OS X, VMware. | Management | | Web-based EonOne management software User account management Group management Storage Resource Management to analyze history of resource usage | | | | |
| Enderindy • Offline deduplication Notification • Email • SNMP traps Applications • Web-based file explorer • Syslog server • LDAP server • Proxy server • VPN server • Docker Supported Cloud Services EonCloud Gateway supports integration with the following cloud providers: Amazon S3, Microsoft Azure, Alibaba Cloud, OpenStack, Baidu Note: For complete information about cloud provides support, please refer to EonCloud Gateway webpage https://www.infortrend.com/global/ Supported OS Microsoft Windows Server, Red Hat Enterprise Linux, Mac OS X, VMware. | Availability and Reliability | | Hot-swappable hardware modules • UPS • Device mapper • MORM (file level only) • Antivirus • SMB Multichannel | | | | |
| Applications • Web-based file explorer • Syslog server • LDAP server • Docker Proxy server • Proxy server • VPN server • Docker • Docker Bupported Cloud Services EonCloud Gateway supports integration with the following cloud providers: Amazon S3, Microsoft Azure, Alibaba Cloud, OpenStack, Baidu Cloud, Google Cloud, Tencent Cloud, Wasabi Cloud, etc. Note: For complete information about cloud provides support, please refer to EonCloud Gateway webpage https://www.infortrend.com/global/ solutions/eoncloud Supported OS Microsoft Windows Server, Red Hat Enterprise Linux, Mac OS X, VMware. | Efficiency | | | | | | |
| Applications • Proxy server • VPN server • Docker Supported Cloud Services EonCloud Gateway supports integration with the following cloud providers: Amazon S3, Microsoft Azure, Alibaba Cloud, OpenStack, Baidu Cloud, Google Cloud, Tencent Cloud, Wasabi Cloud, etc. Note: For complete information about cloud provides support, please refer to EonCloud Gateway webpage https://www.infortrend.com/global/ solutions/eoncloud Supported OS Microsoft Windows Server, Red Hat Enterprise Linux, Mac OS X, VMware. | Notification | | • Email • SNMP traps | | | | |
| Supported Cloud Services Cloud, Google Cloud, Tencent Cloud, Wasabi Cloud, etc. Note: For complete information about cloud provides support, please refer to EonCloud Gateway webpage https://www.infortrend.com/global/ Supported OS Microsoft Windows Server, Red Hat Enterprise Linux, Mac OS X, VMware. | Applications | | | | | | |
| Note: For complete information about cloud provides support, please refer to EonCloud Gateway webpage https://www.infortrend.com/global/ Supported OS Microsoft Windows Server, Red Hat Enterprise Linux, Mac OS X, VMware. | Supported Cloud Sc | nvices | | | | | |
| Supported OS | | 6001¥ N | | | | | |
| | Supported OS | | Microsoft Windows Server, Red Hat Enterprise Linux, Mac OS X, VMware. | | | | |
| | Supported US | | Note: For the latest compatibility details, refer to our official website for the latest Compatibility Matrix. | | | | |

| Thin Provisioning Block level | | Block level | Default | "Just-in-time" capacity allocation optimizes storage utilization and eliminates allocated but unused storage space. | | |
|-------------------------------|--------------------|-------------------|---|--|--|--|
| File Snapshot | | Optional | Snapshot images per folder: 1024 | | | |
| · | | Default | Snapshot images per source volume: 64 Snapshot images per pool: 128 | | | |
| Local | Snapshot | Block level | Optional | Snapshot images per source volume: 256 Snapshot images per pool: 4096 | | |
| Replication | | | Default | Replication pairs per source volume: 4 Replication pairs per system: 16 | | |
| | Volume Copy/Mirror | | Optional | Replication pairs per source volume: 8 Replication pairs per system: 256 | | |
| | | File level | Default | Rsync with 128-bit SSH encryption | | |
| Remote Replication Bloc | | | | Replication pairs per source volume: 8 Replication pairs per system: 64 | | |
| | | Block level | Optional | Note: 1. The maximum number of replication pairs per source volume is 8, whether they are remote asynchronous pairs, remote synchronous pairs, or local volume pairs. 2. 16Gb FC x 4, 32Gb FC x 2, and 32Gb FC x 4 host boards do not support Remote Replication. | | |
| Automated St | torage Tiering | | Optional | Storage tiers per pool: 4 | | |
| | | File level | Default | Appliances per cluster: 1 | | |
| Scale-out | | File level | Optional | Appliances per cluster: 4 | | |
| | | Block level | Default | Appliances per cluster: 4 | | |
| HA Service | | Block level | Ontional | Delivering continuous availability and eliminating downtime for mission-critical workloads that require non-stop operations | | |
| HA SEI VICE | HA Service | | Optional | Note: HA Service is available on GSe 3000 Gen2/G3 and GSe 4000 Gen2/G3 only. | | |
| | | | Default | Accelerating file operations and data access performance for both read and write Max. SSD number per controller: 8 | | |
| | | | | Accelerating data access in random read-intensive environments (e.g. OLTP) Max. SSD number per controller: 4 | | |
| | | | | Recommended DIMM capacity per controller for SSD Cache pool for GSe 1000 Gen2, GSe 2000 | | |
| | | | Default | DRAM: 8GB Max SSD Cache Pool Size: 0.4TB | | |
| | | | | DRAM: 16GB Max SSD Cache Pool Size: 0.6TB | | |
| SSD Cache | | | | DRAM: 32GB Max SSD Cache Pool Size: 1.0TB | | |
| | | Block level | | DRAM: 64GB Max SSD Cache Pool Size: 1.6TB | | |
| | | | | Recommended DIMM capacity for SSD Cache pool for GSe 3000 Gen2 / G3, GSe 4000 Gen2 / G3 | | |
| | | | | DRAM: 8GB Max SSD Cache Pool Size: 0.5TB | | |
| | | | | DRAM: 16GB Max SSD Cache Pool Size: 1.0TB | | |
| | | | | DRAM: 32GB Max SSD Cache Pool Size: 2.0TB | | |
| | | | | DRAM: 64GB and up Max SSD Cache Pool Size: 4.0TB | | |

| WARRAN | TY AND SERVICE | |
|------------------------|------------------------------|--|
| | Standard Service | 3-year limited hardware warranty and 8x5 phone, web, and email support (batteries are covered under warranty for 2 years) |
| Service and Support | Upgrade or Extension Options | Warranty extension: Standard service can be extended up to 5 years. The following service can be upgraded to 5 years. Upgrade: Replacement part dispatch on the next business day Advanced service: 24x7 phone, web, and email support + onsite diagnostics on the next business day Premium service: 24x7 phone, web, and email support + onsite diagnostics in 4 hours |
| | | Note: Options may vary by region. For more details, please contact our sales representatives. |
| | Technical Support | Get information on system installation and maintenance, download technical documents and software, or issue a support ticket |
| | Product Services | Register products, download firmware, apply for licensing services, create product repair tickets, or check product repair status |

| sia Pacific (Taipei, Taiwan) | China (Beijing, China) | Japan (Tokyo, Japan) | Americas (Sunnyvale, CA, USA) | EMEA (Basingstoke, UK) | |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|
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