

Infortrend®  
EonStor GSe



## EonStor GSe Pro 200 Series

Unified Storage for Workgroup/SMB

- ★ Multiple operating systems file sharing
- ★ Integrating SAN, NAS, and Cloud in one system
- ★ Featuring quad-core processor and dual 10GbE SFP+ ports



For more details

### Highlight

- Data storage, file sharing and cloud integration in one system
- Quad-core CPU and 10GbE ports delivering lightning fast performance
- Diverse expandability options
- Easy storage management and complete data services
- Cloud gateway features leveraging cloud advantages

Crafted for small office space with a compact size and whisper quiet design, the EonStor GSe Pro 200 packs a lot of powerful benefits for your small business needs. By consolidating NAS, SAN and cloud in one system, the EonStor GSe Pro 200 fully supports data storage, file sharing and cloud integration to allow SMBs and SMEs running local SAN/NAS applications to easily and cost-effectively integrate and expand their storage architecture with cloud services. The EonStor GSe Pro 200 features a powerful quad-core processor and built-in 10Gb Ethernet ports to deliver optimum data transfer performance as well as comprehensive data services offered through a centralized user-friendly management tool.

#### Easy File Sharing and Storage Management

The EonStor GSe Pro 200 supports cross-platform CIFS/SMB, NFS, AFP, FTP folder sharing and assists with daily operations including file storage, backup, sharing, synchronization, and more.

Storage management is hassle-free with EonStor GSe Pro 200's user-friendly management tool—EonOne. It integrates storage configurations and controls such as storage provisioning, scheduling backup as snapshot and cloud features into simple step-by-step procedures and provides built-in services including Proxy, LDAP, Syslog, VPN and NVR servers.

#### Cloud Integration

By integrating an intelligent cloud gateway engine and supporting a wide range of private and public cloud services, including Amazon S3, Microsoft Azure, Google Cloud, and Alibaba Aliyun, the EonStor GSe Pro 200 offers various cloud functions including Cloud Tiering, Cloud Cache and Cloud Backup to make the most of cloud's advantages. The cloud gateway engine automatically allocates data and optimally combines local and cloud storage, while saving setup and maintenance costs in the process.

#### Expandability and High Performance

The EonStor GSe Pro 200 supports diverse expandability, including 1GbE RJ45, 10GbE RJ45, 10Gb SFP+, 8Gb FC and 16Gb FC, for connection with a wide range of external devices, such as the JB Pro 208 that offers easy scalability on demand, allowing users to increase storage capacity when needed with high speed connectivity via 12 Gb/s SAS. The built-in USB 3.1 Gen 2 and USB 3.0 as well as two SFP+ based 10GbE ports provide lightning fast network connection. With the 4-core CPU, the EonStor GSe Pro 200 is ideal for IOPS/throughput-demanding applications such as virtualization, database, video editing, backup and email servers.



	GSe Pro 205 GSe Pro 205T	GSe Pro 208 GSe Pro 208T
Form Factor	5 Bay Desktop	8 Bay Desktop
CPU Type	Intel Broadwell DE 2-Core 2.20 GHz/4-Core 1.60 GHz	
Memory Slot	2	
Memory Type	DDR4 RAM	
Memory <sup>*1</sup>	Default: 8 GB (4 GB x 2)	
Onboard Ethernet Ports	2 x 1GbE + 2 x 10GbE (SFP +)	
USB Port	2 x USB 3.1 Gen2 + 2 x USB 3.0	
Host Board Slot	2	
Host Board Option <sup>*2</sup>	4 x 1GbE/iSCSI ports (RJ-45) 2 x 10GbE/iSCSI ports (RJ-45) 4 x 10GbE/iSCSI ports (SFP +) 2 x 16Gb/s FC ports 4 x 8Gb/s FC ports	
Expansion board <sup>*5</sup>	1	
Max Drives <sup>*6</sup>	37	40
Drive Interface	SATA 6G	
Drive Support <sup>*3</sup>	SATA SSD (2.5") SATA HDD (3.5")	
Power supplies	250W	
Dimensions <sup>*4</sup>	255mm (W) x 168mm (H) x 254 mm (D)	345mm (W) x 168mm(H) x 254mm (D)
Package Dimensions	363(W) x 269mm (H) x 366mm (D)	456mm(W) x 269mm (H)x 366mm (D)

1. Max. memory size supported: 32 GB
2. The converged host board supports 10Gb/s SFP+ (4 ports), 8Gb/s FC (4 ports) and 16Gb/s FC (2 ports).
3. For the latest compatibility details, please refer to the Infortrend official website.
4. Default depth is 254mm, and 259mm with host board.
5. The expansion board can only be installed in the HB2 slot and has 2 x 12Gb/s SAS ports only connectable with expansion units.
6. 12Gb/s (2 ports) expansion board required to connect with expansion units.

## Expansion Units



	JB Pro 208
Host connectivity	2 x 12Gb/s SAS
Drive connectivity	12Gb/s SAS
Drive bays	8
Corresponding models <sup>*1</sup>	GSe Pro 205 , GSe Pro 208
Power supplies	250W
Form factor <sup>*2</sup>	8-bay desktop

**Standard service:**

3-year limited hardware warranty and 8x5 phone, web and email support

**Upgrade/Extension options<sup>\*4</sup>:**

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

Service and support<sup>\*3</sup>

1. Please refer to corresponding models for the supported drives of expansion enclosures.

2. For detailed dimensions, please refer to GSe Pro 208.

3. All expansion enclosures are shipped with Standard Service.

4. Options may vary by region.

# Data Service & Support

## Data Service

Local Replication <sup>2</sup> (Standard license is included by default and advanced is an optional license)	Snapshot	Snapshot images per source volume Snapshot images per system	Standard License: 64 / Advanced License: 256 Standard License: 128 / Advanced License: 4096									
	Volume Copy/Mirror	Source volumes per system Replication pairs per source volume Replication pairs per system	Standard License: 16 / Advanced License: 32 Standard License: 4 / Advanced License: 8 Standard License: 64 / Advanced License: 256									
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) <sup>1</sup>	Replication per source volume: 16 Replication pairs per source volume: 4 Replication pairs per system: 64											
Remote Replication(File Level)	Remote Replication(File Level) Rsync with 128-bit SSH encryption between Infortrend EonStor GS and GSe											
Automated Storage Tiering <sup>1</sup>	Two(2) storage tiers based on drive types SSD supports											
SSD Cache <sup>1</sup>	<ul style="list-style-type: none"> <li>Accelerating data access for random read-intensive environments, such as OLTP</li> <li>Supports up to four SSDs per controller</li> <li>Recommended DIMM capacity for SSD Cache pool: DRAM:8GB Max SSD Cache Pool Size: 300GB DRAM:16GB Max SSD Cache Pool Size: 400GB DRAM:32GB Max SSD Cache Pool Size: 800GB</li> </ul>											
Cloud-integrated Solution <sup>1</sup>	<ul style="list-style-type: none"> <li>Cloud Cache</li> <li>Cloud Tiering</li> <li>Cloud Backup</li> </ul>											
Access right management	<ul style="list-style-type: none"> <li>User account management</li> <li>Group management</li> <li>Folder management - folder access control</li> <li>Quota management</li> <li>Integration with Window<sup>®</sup> AD and LDAP</li> <li>NVR server</li> </ul>											
Availability and Reliability	<ul style="list-style-type: none"> <li>Redundant, hot-swappable hardware modules</li> <li>CacheSafe technology</li> <li>Multi-pathing support</li> <li>Trunk group support</li> <li>Device mapper support</li> <li>UPS</li> <li>WORM</li> </ul>											
Management	<ul style="list-style-type: none"> <li>Web-based EonOne management software</li> <li>Automated cache flush and caching mode operation per enclosure status</li> <li>Module status LED indicators: component presence detection &amp; thermal sensors via I2C bus</li> <li>Storage Resource Management to analyze history records of resource usage</li> <li>Automate repeatable management tasks by flexible workflow</li> </ul>											
Notification	Email, SNMP traps											
Applications	<ul style="list-style-type: none"> <li>File explorer</li> <li>Proxy server</li> <li>Syslog server</li> <li>VPN server</li> <li>SyncCloud</li> <li>LDAP server</li> <li>NVR server</li> </ul> <p>Recommended IP Cam quantity and memory configuration</p> <table border="1"> <thead> <tr> <th>Model</th> <th>GSe Pro 200</th> <th>GSe Pro 200T</th> </tr> </thead> <tbody> <tr> <td>Max. IP Cam Supported</td> <td>32</td> <td>64</td> </tr> <tr> <td>Memory Configuration (or above)</td> <td>8GB</td> <td>16GB</td> </tr> </tbody> </table>			Model	GSe Pro 200	GSe Pro 200T	Max. IP Cam Supported	32	64	Memory Configuration (or above)	8GB	16GB
Model	GSe Pro 200	GSe Pro 200T										
Max. IP Cam Supported	32	64										
Memory Configuration (or above)	8GB	16GB										
OS support	Microsoft Windows Server 2008 / 2008 R2 / 2012 / 2012 R2 , Microsoft Windows Hyper-V, Red Hat Enterprise, Linux, SUSE Linux Enterprise, Sun Solaris, Mac OS X, VMware, Citrix XenServer, OpenStack Cinder											
Service and support	Standard service	3-year limited hardware warranty and 8x5 phone, web, and email support (Batteries are covered under warranty for 2 years)										
	Upgrade/extension options <sup>3</sup>	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										
	Infortrend Service Manager Request Support, Knowledge Base, Download Center, Licensing Service, and News											

1. Optional

2. Available with Standard license and optional advanced license

3. Services may vary by region. Please contact our sales representatives for details.



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**Asia Pacific (Taipei, Taiwan)**  
**Infotrend Technology, Inc.**

Tel: +886-2-2226-0126  
E-mail : [sales.ap@infotrend.com](mailto:sales.ap@infotrend.com)

**China (Beijing, China)**  
**Infotrend Technology, Ltd.**

Tel: +86-10-6310-6168  
E-mail : [sales.cn@infotrend.com](mailto:sales.cn@infotrend.com)

**Japan (Tokyo, Japan)**  
**Infotrend Japan, Inc.**

Tel: +81-3-5730-6551  
E-mail : [sales.jp@infotrend.com](mailto:sales.jp@infotrend.com)

**Americas (Sunnyvale, CA, USA)**  
**Infotrend Corporation**

Tel: +1-408-988-5088  
E-mail : [sales.us@infotrend.com](mailto:sales.us@infotrend.com)

**EMEA (Basingstoke, UK)**  
**Infotrend Europe Ltd.**

Tel: +44-1256-305-220  
E-mail : [sales.eu@infotrend.com](mailto:sales.eu@infotrend.com)

