



NeoSapphire P310

- Featuring NVMe drives with significantly low latency and reduced overhead
- Superior performance with 700K IOPS for 4KB random writes in a compact 1U form factor
- Abundant software features for virtualization and enterprise applications
- Support for iSCSI, NFS, and CIFS/SMB over six 10GbE ports



NeoSapphire All-Flash Array



NeoSapphire P310 All-Flash Array

SPECIFICATIONS

| | | |
|---|--|--|
| Form Factor | 1U rack mount | |
| IOPS for 4KB Random Writes ¹ | 700K sustained | |
| Flash Management | FlexiRemap technology | |
| Usable Capacity ² | 3TB | |
| Number of SSDs | 8 | |
| SSD Type | NVMe | |
| Flash Type | MLC | |
| Connectivity | 6 x 10GbE SFP+ | |
| Storage Protocol | iSCSI NFS, CIFS/SMB | |
| Management Interface | Web-based management interface (via HTTP/HTTPS) CLI (via serial port or SSH) | |
| Power Supply | 650W 1+1 redundant | |
| Feature Highlight | <ul style="list-style-type: none"> • Optimized low-latency performance • Outperforming IOPS via mainstream connectivity • Abundant software functions • Data protection through redundancy | |
| Software function | <ul style="list-style-type: none"> • Free Clone • Snapshot • Snapshot Backup/Recovery • Thin Provisioning | <ul style="list-style-type: none"> • Thick Provisioning • Inline Deduplication • vSphere Web Client Plug-in |
| Certification | <ul style="list-style-type: none"> • VMware Ready • VMware VAAI Block • Microsoft Windows Server 2016 | <ul style="list-style-type: none"> • Microsoft Windows Server 2012 R2 • Microsoft Windows Server 2012 |
| Dimensions (W x D x H) | 482.6mm x 787.4mm x 44.4 mm (19in x 31in x 1.75in) | |
| Net Weight ³ | 17kg (37.5lb) | |
| Environmental Temperature | Operating: 10°C to 35°C Storage (non-operating): -20°C to 60°C | |
| Environmental Humidity | Operating: 10% to 90% non-condensing Storage (non-operating): 5% to 95% non-condensing | |

¹ Based on designated testing conditions. Performance may vary with different applications or product configurations.

² Usable capacity refers to the approximation of the storage capacity that users can have. The accurate usable capacity may vary depending on software configurations and other factors.

³ Weight may vary depending on components and manufacturing variability.

©2015-2017. All rights reserved. AcceleStor, FlexiRemap, and NeoSapphire are trademarks or registered trademarks of AcceleStor, Inc. in the United States of America and/or other countries. Other names and brands may be claimed as the property of others. Pictures are not contractual. In a continuing effort to improve the quality of our products, information in this brochure is subject to change without notice. Images appearing are only representations of some of the configurations available. Availability may vary depending on region. AcceleStor disclaims any liability for errors and omissions in product descriptions. AcceleStor, Inc. reserves the right to the interpretation of the above specifications, terms and conditions.

VC20170607