

# HPE StoreEasy 1560 16TB SATA Performance Storage with Microsoft Windows Server IoT 2019 (R7G20A)

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## What's new

- All the sixth generation HPE StoreEasy 1000 Storage models can now be upgraded to the Microsoft Windows Server IoT 2022 for Storage Standard Edition operating system via upgrade kit.
- The new HPE StoreEasy 1660 and HPE StoreEasy1860 models are built from HPE ProLiant DL380 Gen10 Plus technologies including Broadcom® MegaRAID Gen10+ Controllers and Intel Xeon 4309Y processor.
- The new affordable HPE StoreEasy 1460 and HPE StoreEasy 1560 models use software RAID. The existing HPE StoreEasy 1460 and HPE StoreEasy 1560 use hardware RAID and deliver the highest performance.
- Support for new 20 TB hard drives (on select models), for a maximum of 560 TB of raw internal capacity on the HPE StoreEasy 1660 expanded storage
- HPE StoreEasy Management Console adds simplified snapshot scheduling and storage provisioning.

## Overview

Every day, your organization faces challenges. Why should file storage be one of them?

HPE StoreEasy 1000 Storage with the HPE StoreEasy Management Console provides easy-to-manage centralized network attached storage for securely storing documents, images, audio, and video files. HPE StoreEasy 1000 Storage offers flexible, efficient, and reliable file storage, right-sized for your organization's needs and budget, without compromising on quality or capabilities. It is available in a diverse range of form factors, capacities, and performance options, and can help you get more out of your investment while you protect your indispensable digital assets in an evolving threat landscape. With that in mind, the HPE StoreEasy Management Console provides a simplified management experience developed by HPE that consolidates multiple interfaces, automates storage tasks, and centralizes monitoring. Now you can spend less time on your file storage and more time on your business.

## Features

### Customized and Tailored for File Storage

HPE StoreEasy 1000 Storage is built on industry-leading HPE ProLiant Gen10 DNA and comes with pre-configured hardware and a Microsoft® Windows® Server for Storage operating system. Get your NAS out of the box and online fast with tools that simplify installation and curb common configuration errors.

The HPE StoreEasy Management Console makes file sharing twice as simple to manage [1], enabling administrators with any level of storage expertise to simplify core operations, including management of volumes, file shares, quotas, snapshots, network services, and external enclosures.

Leverage the HPE StoreEasy Management Console's data-driven insights on storage usage and performance to simplify planning. Quickly configure low-capacity email alerts to reduce disruption caused by capacity limitations, and easily identify maintenance windows to plan for capacity expansion.

Simplified provisioning through the HPE StoreEasy Management Console allows admins to quickly input desired usable capacity and provision based on best practices, while economical hard disk drive (HDD) bundles make it easier for you to buy and deploy additional capacity over time.

### **Efficiency Saves you Time and Money**

Spend less time on storage by leveraging the HPE StoreEasy Management Console to manage and monitor your HPE StoreEasy appliance instead of numerous, disparate Windows utilities.

Save storage space with built-in granular file deduplication and compression - even for very large files and volumes. Define and apply quotas in StoreEasy Management Console to control consumption and alert admins to low capacity.

Built-in file sync and share enables employees, mobile workers and distributed teams to access their work files from any internet-connected desktop, smartphone, or tablet. Organizations can apply policies to wipe devices remotely and enforce lock screen passwords to protect data on employee devices.

Advanced data management capabilities automatically improve use of resources, comply with data retention policies, and enhance protection of sensitive files, even if they're downloaded from HPE StoreEasy and emailed to unauthorized recipients.

File Classification Infrastructure can dynamically identify files based on sensitivity and implement sophisticated access controls based on your organization's requirements using Active Directory Rights Management Services.

### **Multi-dimensional Protection for Your Data**

Built from the world's most secure industry-standard servers [2] the sixth generation of HPE StoreEasy 1000 Storage provides expanded security capabilities to help you protect your employees, customers, and organization in an evolving threat landscape.

HPE StoreEasy 1000 Storage protects data at rest with file system encryption and Microsoft BitLocker® drive encryption, as well as data in flight through SMB encryption and signing, and at the physical level with a lockable bezel.

Install and run endpoint protection such as antivirus on the system itself, reducing the cost and complexity of connecting an external endpoint protection server. Prevent against data loss with Volume Shadow Copy Service online snapshots and simple cloud backup to Microsoft Azure.

### **Highly Resilient to Prevent Disruption to Your Business and Users**

HPE StoreEasy 1000 Storage increases uptime with standard features including nearly continuous health monitoring with HPE Active Health System, redundant components, file system online self-healing, online verification, and rapid repair that reduces downtime from file corruption to minutes.

Protect up to 100 TB of data from simple errors or massive failures using built-in Microsoft Distributed File System Replication (DFS-R).

Get comprehensive system support from HPE file storage experts with onsite parts and labor warranty for the system and telephone support for pre-installed software. Expand or enhance your base support coverage through optional services from HPE Pointnext for HPE StoreEasy 1000 Storage.

Use advanced diagnostics and near-continuous monitoring, enabled by the HPE Integrated Lights-Out (iLO) Management Engine, to deliver greater stability and shorter downtimes.



## Technical specifications

## HPE StoreEasy 1560 16TB SATA Performance Storage with Microsoft Windows Server IoT 2019

<b>Product Number</b>	R7G20A
<b>Capacity</b>	16 TB raw
<b>Host interface</b>	2 x 1GbE standard
<b>Protocol supported</b>	SMB, NFS, iSCSI over Ethernet, FTP/S, HTTP/S
<b>Replication support</b>	Microsoft Distributed File System Replication (DFS-R)--supports up to 100TB
<b>Storage expansion options</b>	All HPE StoreEasy models support external expansion using HPE MSA SAN Storage or HPE D3X10, HPE D6020, and HPE D8000 Disk Enclosure product families. A Fibre Channel, SAS, or iSCSI connection must be added to support HPE MSA SAN Storage (note that high-availability clustering is not supported) while a Smart Array controller with external ports must be added to support external Disk Enclosures.
<b>Compatible operating systems</b>	Microsoft® Windows® Server IoT 2019 for Storage Standard Edition is pre-installed. Client operating systems supported include Microsoft® Windows®, Mac OS, Linux®, and Unix.
<b>Management features</b>	HPE StoreEasy Management Console version; HPE iLO5; HPE Smart Storage Administrator; Windows Server® Manager and utilities
<b>Drive description</b>	4 x 4 TB SATA 6G Midline 7.2K LFF HDDs standard
<b>Clustering support</b>	Not supported on HPE StoreEasy 1000 Storage appliances
<b>HD type</b>	Hot-plug SATA or SAS, LFF (3.5") low-profile
<b>Snapshot support</b>	Microsoft Volume Shadow Copy Service (VSS)
<b>Form factor (fully configured)</b>	4.5U tower
<b>Product dimensions (metric)</b>	44 x 19.5 x 48.05 cm
<b>Weight</b>	25 kg maximum
<b>Warranty</b>	3/3/3 system warranty includes three years of parts, three years of labor, three years of onsite support coverage, next business day response. Software media is warranted to be free of physical defect for a period of 90 days from delivery. Additional information regarding worldwide limited warranty and technical support is available at: <a href="https://support.hpe.com/hpsc/wc/public/home">https://support.hpe.com/hpsc/wc/public/home</a>

[1] Based on HPE internal testing with 50% fewer tools and fewer actions for key NAS administrative tasks

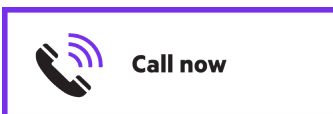
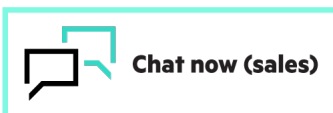
[2] Based on results of external, third-party penetration testing of servers from different manufacturers



[For additional technical information, available models and options, please reference the QuickSpecs](#)

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## HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

### Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

### Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

### Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

### Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

### HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

The Defective Media Retention (DMR) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. Comprehensive Defective Material Retention (CDMR) allows you to keep all data retentive components.

## HPE GreenLake

HPE GreenLake edge-to-cloud platform is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them [here](#).

Explore **HPE GreenLake**

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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Image may differ from the actual product [PSN10133310635VNEN](#), September, 2023.