HP ProLiant MicroServer

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Are you looking to simplify file location and backup, protect information from unauthorized viewers, and enable safe and remote access to information? If yes, then it's time you take a look at the HP ProLiant MicroServer. This affordable, space conscious, and reliable server can help your organization grow with confidence.

Providing essential server features at an affordable price, the HP ProLiant MicroServer is just right for your organization. It helps organize and safeguard your business information, improves communications with customers, and makes the most of your existing office equipment and resources.

Why move from a peer-to-peer network to a server-based network?

A peer-to-peer (P2P) network has offered the necessary support until now, but it cannot meet your growing management, connectivity, and security demands. Today, it's time for an IT change. A change that will not only help you manage information better, while meeting customer demands more efficiently, but also save you time and money. All of this is possible with the HP ProLiant MicroServer. It allows you to share files, applications, and resources such as printers and storage. Also, it helps secure critical data and adapts to changing business needs with confidence.

Understanding the limitations of a P2P network and realizing the benefits of a server network can help you focus on running your business rather than worrying about day-to-day operational issues.

Understanding a P2P network

Today, interconnected PCs—also known as P2P network— are used to share files and resources in many small organizations. It is an easy and cost-effective way to enable information and resource sharing but it is not adequate for growing businesses.

Limitations of a P2P network	Benefits of a server network
Spreads customer information across numerous PCs	Many users can access and share resources simultaneously
Lacks server reliability features such as Error Checking and Correction (ECC) memory or RAID	Simple and automatic daily backups
Requires multiple management tools for numerous hardware devices	Built-in system memory reliability checking or ECC memory protects your business from data loss and unplanned system downtime
PCs are more susceptible to virus attack	Centrally managed servers are less susceptible to virus attack than interconnected PCs
Fails to secure critical information due to inadequate backup capability	Remote manageability can help you perform updates and allows you to solve and prevent potential security problems

Share • Secure • Adapt

Click the video to know how the HP ProLiant MicroServer is a simple solution for small office environments.

Take your organization to the next level of productivity and efficiency—a shared and centralized server is the solution to your traditional P2P network setup. A centralized server can give you the competitive edge you have been looking for.

The HP ProLiant MicroServer features the latest Dual-Core 2.2 GHz AMD Turion II processors, PC3 DDR3 memory, 2 DIMM slots, 2 MB cache, and up to 8 GB of memory, which is just what you need to keep your business growing. The ProLiant MicroServer supports a variety of operating systems such as Microsoft® Windows® Server 2012, Microsoft Windows Server 2008 R2 Foundation, Microsoft Windows Server 2008 R2 Standard Edition, and Red Hat 5.

Step up to your first server network with the ProLiant MicroServer

Share
Compared to a distributed P2P network of PCs, the ProLiant MicroServer centralizes all files in a single location. It enables sharing of hardware devices, streamlines management, and drives down operating costs. With ProLiant MicroServer, you can now work faster and more efficiently.

Secure
By centralizing company information in one location, the ProLiant MicroServer lets you control access to sensitive files, including financial information and employee records. Offering support for reliable storage (RAID 1 and 0) and backups, the ProLiant MicroServer protects your important data.

Adapt
As your business grows, the compact design of the ProLiant MicroServer easily adapts to fit your current workspace. With up to 4 LFF SATA pluggable hard disks, you can now expand your business with confidence and with less investment upfront. Reliable and efficient access to your information and applications allows you to stay ahead of competition and respond to your customers faster.

Technical specifications

HP ProLiant MicroServer

Processor and Memory	
Processor	Dual-Core 2.2 GHz AMD Turion II
Number of processor	1
Cache	2 MB cache
Memory type	PC3-10600E DDR3, operating at maximum of 800 MHz
Memory slots	2 DIMM slots
Maximum memory	8 GB (2 x 4 GB)
Advanced memory protection	Unbuffered ECC
Storage	
Maximum internal drives	4 pluggable drives
Maximum internal storage	8 TB (4 x 2 TB 3.5" SATA drives)
Storage controller	Embedded SATA controller RAID 0/1
Expansion slots	2 PCI Express (x16 and x1)

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Deployment	
Form factor	Ultra Micro Tower
Dimension	10.5 x 10.2 x 8.3 inch (26.7 x 26.0 x 21.0 cm) H x D x W
Power supply	150 Watt
Network Controller	Embedded NC107i PCI Express Gigabit Ethernet Server Adapter
Remote management	Optional Remote Access Card
Optical	None shipped. Standard, optional optical drive
USB	4 front, 2 rear, 1 internal + 1 eSATA rear
Warranty (parts/labor/onsite)	1-year parts, 0-year onsite support, 0-year next business day response
Operating system	
OS choices	Microsoft Windows Server 2012 Microsoft Windows Small Business Server 2011 Essentials Microsoft Windows Server 2008 R2 Foundation Microsoft Windows Server 2008 R2 Standard Edition Red Hat 5

Click here to view the HP ProLiant MicroServer video.

Key features and benefits

Simple and effective

• Packed with all the essential server features at an affordable price, the MicroServer is a perfect first server.

• Designed for growth, you can add memory, hard drives, and peripherals as your needs grow.

• Suited for an ergonomic working environment with a low acoustic level of 21 DBA.

• Ideal for small and micro organizations—its compact design fits easily within your workspace.

Expandability and enhanced data security

• ECC memory reduces the likelihood of memory corruption and proactively addresses security risks to protect critical business information.

• RAID 0 and RAID 1 feature helps prevent data loss and enhances reliability around the clock. The ProLiant MicroServer protects your data like never before.

• Up to 4 LFF SATA pluggable hard disks and up to 8 GB of memory allows you to expand your business with confidence while requiring low upfront investment.

Proven HP ProLiant reliability and support

• Leveraging 20+ years of server experience, HP now offers a simplified solution for small and micro businesses—HP ProLiant MicroServer.

• Offering a worldwide network of HP trained service professionals—you can take advantage of HP services and support.

HP Factory Express

HP Factory Express provides customization and deployment services along with your storage and server purchases. You can customize hardware to your exact specifications in the factory—helping to speed deployment. For more information, visit hp.com/go/factoryexpress.

Customer technical training

We offer a variety of training courses on storage software, networking, archiving, and disk storage systems. Our classes are available in many delivery modalities—from traditional instructor-led courses at one of our 80 training centers worldwide to online and/or onsite training. For more information, visit hp.com/learn/storage.

HP Financial Services

HP Financial Services provides innovative financing and financial asset management programs to help you acquire, manage, and ultimately retire your HP solutions. For more information, visit hp.com/go/hpfinancialservices.

Ready to grow your business confidently?
Take your business to the next level of productivity and efficiency with the HP ProLiant MicroServer. To find out how, visit: **hp.com/go/microserver** and **hp.com/go/proliant**

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