

SPHERE SERVERS - DATASHEET - MICROSHERE

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OVERVIEW

An entry level all-in-one office or workgroup server with 8TB raw capacity. With dual 1Gb ethernet and a state-of-the-art firewall this system is intended to connect to the internet through one port, and your network (LAN) through the other.

In this configuration MicroSphere provides a comprehensive feature set, generally everything that a small office or workgroup requires to collaborate internally and with the outside world.

MicroSphere's state of the art Linux operating system and packages are controlled through our simple, web browser control panel, providing ease of use, flexibility and feature set that we believe is second to none.

Set up users and share folders for any mix of Windows, Apple and Linux clients and control access privileges easily and effectively.

For 2014, we've added even more functionality:

- Email server (IMAP, POP3 and webmail with shared folders)
- Web server (full SSL certificated secure server if required)
- CalendarServer - shared calendars, contacts, tasks
 - with invitations and reminders
 - supports Mac/Win/Linux/iOS/Android
- FTP server (with user logins per folder if required)
- Firewall (with port forwarding, white/blacklisting)
- DHCP server (manage your entire network)
- DNS caching server (speed up your local access)
- Bonjour discovery (shares announce themselves)
- LDAP and PDC (Windows Domain Controller)

...and, in conjunction with a suitable backup system, users and groups may be synchronised to either local or offsite backup storage media.

CONTACT US

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SPECIFICATIONS

Chassis: Freestanding desktop / shelf unit
Height: 399mm
Width: 315mm
Depth: 375mm
Gross Weight: 7.71kg

CPU type: AMD Turion II (dual core)
Intel QPI speed: 2.2 GHz
RAM: 4GB DDR-3 memory

System disks: 1 x 120GB SSD
Storage disks: Up to 4 x 2TB 7200rpm 3.5 SATA 16Mb cache
Storage RAID: With RAID 5 - >8TB storage
Storage backplane: SATA cold swap

Gigabit network: 2 x gigabit ethernet ports (LAN + WAN)

System software: MicroSphere 1.9.0
Linux kernel: 3.13 (subject to continuous upgrade)
Underlying OS: Debian Linux

Onboard graphics: VGA console output

Expansion: 1 x PCI-E expansion slot (x16)
4 x USB 2.0 connectors

Power supplies: 150W psu

CONTROL PANELS

Every MicroSphere server empowers its users to handle things themselves, rather than have to ask "admin" to do things for them.

The "superuser" login, which can be shared by several people, permits the addition of users and groups for file sharing, control of mail lists & aliases, creation of shared calendars & contacts, and various other system set up options for teams of users.

Each user has a personal login with a powerful webmail client with calendars & contacts, out-of-office replies, password reset, mail and file sharing fine control, and a personal backup space.

Remote access is possible from just about anywhere, ensuring that users are never detached from their resources and information, with support for remote desktop etc.

