



In partnership with Zen Internet

Dedicated Servers

Our Dedicated Servers give you the freedom to operate and manage your own server environment, backed by Zen's award winning network, service and support.

As a Dedicated Server customer you are assigned your very own server hardware platform with all its resources – processing power, memory and disk storage – committed to driving your hosted services and applications. Because the server is only occupied by you, you have the added reassurance that the performance of your hosted services will not be impacted by the traffic and usage patterns of other users.

In addition, Dedicated Servers provide flexibility by allowing you to install, configure and run your own applications. This means that a Dedicated Server can be used for a wide range of business critical services including websites, email, centralised file storage, databases and other pertinent office applications.

As a Dedicated Server customer you will benefit from the latest enterprise grade Dell server hardware, hosted in one of our secure data centre facilities, and fed by a resilient 100Mbps Internet connection. You can select from a range of pre-configured server platforms or choose a bespoke server built to your specific requirements. If these requirements change over time then we offer the opportunity to upgrade the server platform to meet your evolving needs.



Business benefits

Security – Performance – Flexibility – Reliability

- Dedicated hosting environment for business critical services
- Resilient network and 100Mbps connection guarantees performance
- Customisable hardware guarantees a best fit for your business
- Simple monthly rental fee provides better visibility of your hosting costs
- Remove the hassle of maintaining server hardware

Zen partners with:



Microsoft
GOLD CERTIFIED
Partner

Zen's Dedicated Server solution is exactly what we were looking for in order to offer a hosted email service for our customers. Since the Dedicated Server was installed, I no longer have the hassles associated with hosting the server on my premises, and customers have noticed an increase in the speed of their email system.

Andy Collins,
Vostech

That's Zen thinking

The server hardware

Our Dedicated Servers benefit from the latest Dell hardware and Intel Xeon processors. With RAID¹ configured hard disks and dual redundant power suppliers we are able to provide hardware resilience as standard. If a power supply fails then your server will not be affected as it will continue to run on the secondary power supply. Likewise in the unlikely event of a hard disk failure your server's data will be protected as it will be mirrored across to the second hard disk in the RAID array.

You can choose from a range of server configurations to meet your requirements. These models can be customised further to meet your more specific needs. Add extra memory, processing power and hard disk capacity, as well as firewall security and data backup capacity.

Standard model from £199 /month

Housed within the latest Dell R410 chassis our standard server provides the ideal hosting environment for on-line businesses with mission critical websites. With a powerful Intel Xeon Quad Core processor, 4GB of RAM and RAID configured 160GB SATA² disks this 1U server provides a solid foundation for your hosting requirements.

Professional model from £299 /month

Based on the new Dell R710 server chassis our Professional server provides the ideal hosting environment for critical business tool such as data bases, applications, email and websites. This highly specified and scalable 2U server, with 8GB of RAM and RAID configured SAS³ disks, offers a solid foundation for business critical services, as well as ample room for evolving business requirements.

Enterprise model from £399 /month

With additional memory and extra bandwidth allocation, our Enterprise server builds on the pedigree of the Professional model and serves as an ideal platform for more demanding, high traffic websites and business critical applications. With its solid specification, and flexible upgrade options this server is the ideal choice for IT resellers looking to deliver hosted services to their customers, or businesses looking for the best platform for their business critical hosting.

Standard features

	Standard	Professional	Enterprise
Server model	Dell PowerEdge R410	Dell PowerEdge R710	Dell PowerEdge R710
Size	1U	2U	2U
Operating System	Windows or Linux	Windows or Linux	Windows or Linux
Processor	Intel Xeon Quad Core	Intel Xeon Quad Core	Intel Xeon Quad Core
Memory	4GB Memory	8GB Memory	16GB Memory
Hard disks	2 x 160GB SATA Disks	2 x 146GB SAS Disks	2 x 146GB SAS Disks
RAID configuration	RAID 1	RAID 1	RAID 1
Power supplies	Dual	Dual	Dual
Monthly bandwidth usage	100GB	250GB	500GB
From (£) ex VAT	£199 per month	£299 per month	£399 per month
Setup fee (£) ex VAT	£100	£100	£100

Understanding the hardware specifications

SATA versus SAS hard disks

SATA disks are slower than SAS drives, which means they are most appropriate for lower-end servers where storage capacity is more important than speed and performance. The faster SAS disks are ideal for mid-high end servers where data interrogation is constant, and speed and performance are key.

¹RAID stands for Redundant Array of Independent Disks; in RAID 1 configurations 1 disk mirrors the other to provide redundancy

²SATA stands for Serial Advanced Technology Attachment

³SAS stands for Serial Attached SCSI

The data centre

All of our Dedicated Servers are housed within our UK network of purpose built data centre facilities. Fed by redundant Internet connections and resilient power supplies, our data centres provide the ideal hosting environment for your business critical services and applications. These purpose built facilities also benefit from 24/7 security, intelligent climate controls, and the latest in fire detection and suppression technology.

The network

Our network is designed to provide no single point of failure and benefits from redundant firewalls, routers, switches and load balancers to provide multiple routes for your server's traffic. In addition, the resilient 100Mbps Internet connection to your server ensures that sufficient bandwidth capacity is available as and when required.

Our investment in our network means that we can confidently offer a 100% network availability SLA, thus providing you with complete peace-of-mind in the availability of your business critical services.

The service

We can pre-install a wide range of Windows and Linux Operating Systems to best suit your specific applications. We also provide additional services such as data backup and firewall security, to provide you with all the tools you need to create a comprehensive, self-managed hosting environment. With resiliency built into the fabric of our Dedicated Server product range we are able to offer a robust service level agreement (SLA) that promises 100% network availability and a 1 hour fix for any hardware fault.

Your Dedicated Server will be supported 24/7 by our team of network engineers. We will monitor the performance of your server hardware and fix hardware faults should they arise. We will also monitor and maintain the network and data centre environment, thus ensuring that your hosted services are available around the clock.

All aspects of hardware and network support are provided by us; freeing you to focus on managing and maintaining the installed software and applications.

The extras

To secure your hosted services from Internet threats we recommend our Firewall Plus product as the ideal service add-on. The Firewall Plus product provides a dedicated partition on a pair of high availability FortiGate 310B firewalls, allowing you to specify your own firewall policies and rules.

Our Zen Vault product provides an easy to use data backup client which takes a copy of the data from your server and stores it securely within our resilient Storage Area Network (SAN). This product is an ideal tool in protecting against data loss and can be used to aid disaster recovery in the event of a serious hardware fault.

We offer a range of component upgrades to ensure that your hosting solution continues to perform in tandem with your evolving business requirements. We can install additional processing power, memory and hard disk storage to meet your growing needs. We can also provide additional bandwidth capacity should it be required.



The data centre

- UK Data Centre facilities
- Purpose built environments
- Intelligent climate controls
- Stringent on-site security

The network

- 100Mbps Internet connection
- Resilient network architecture

The server hardware

- Dell hardware with dual PSU
- Intel Xeon Quad Core processors
- RAID configured hard disks
- Windows or Linux OS

The service

- 24/7 Technical Support
- 100% Network availability SLA
- 1 hour fix for any hardware fault
- Server performance monitoring

The extras

- Scalable upgrade options
- Enhanced firewall security
- Scheduled data backup

Dedicated Servers from Zen Internet provide the benefits of business class hosting in our secure data centre whilst allowing you to maintain control of managing your own server.

That's Zen thinking

About Zen

About Profile Technology Services Ltd.

Profile was formed in 1989, with the objective of providing total IT solutions to businesses across the UK. From the outset the emphasis was, and remains, on providing 'the best of breed' products and services to our customers.

Above all, we take great care to ensure that the systems we install are matched to our customers' requirements. Then throughout the implementation stages we go out of our way to ensure that the end results are the benefits our customers had as their objectives. Only in this way can we build the fruitful partnerships that our customers currently enjoy.

We can provide you with a full range of IT services, including:

- Business and IT Consultancy
- Hardware and cabling
- Networks and Mobile Computing
- Web Services
- Business and Financial Software
- Equipment Maintenance
- Software Support Services

For more details about any of the products or services detailed in this brochure, please contact:

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Zen Internet

Zen Internet, an independent Internet Service Provider (ISP), has been delivering services to business and residential users in the UK since 1995.

Led by founder and Managing Director Richard Tang, Zen's mission is to provide the best ISP service in the UK. Zen is committed to investing in the latest technologies and providing high levels of service, support and reliability.

Our Portfolio includes:

- IP VPN
- Leased Lines & Ethernet
- Broadband
- Managed Firewalls
- SIP Trunking
- Data centre services
- Domain Names
- Web Hosting
- Data Backup

