



UNIVERGE® UM8500

Unified Messaging for the Enterprise with a Visible Difference

The NEC UNIVERGE UM8500 is a feature rich, scalable Unified Communications solution that empowers you to solve critical communication and messaging challenges. It offers a number of key features designed to maximize productivity while streamlining operational costs.

At a Glance

- A full-featured Unified Messaging and automated attendant solution for the enterprise
- Failover and load balancing to minimize downtime
- Enhanced messaging through innovative features
- Seamless integration with a variety of applications and mobile devices
- Enterprise scalability and investment protection
- 2U rack-mountable

Failover and Load Balancing to Minimize Downtime

The UM8500's failover and load balancing features are industry-leading capabilities that make it a true enterprise solution. Its use of failover, redundancy and geographically-dispersed clustering ensure high availability and minimize downtime to provide the business continuity organizations demand.

Enhanced Messaging through Innovative Features

The UM8500 provides enhanced messaging through several innovative optional features:

- Find Me Follow Me (FMFM) provides users more flexibility and better control by ends phone tag by giving users the power to customize their telephone screening rules for incoming calls. They can ensure that important calls are forwarded while others are sent to voice mail – which increases productivity.
- ViewCall enables users to screen incoming calls in real-time through an easy-to-use control panel on their desktops. A caller's experience is improved from the use of more intelligent messaging.
- NEC VideoMail enables users to create and deliver recorded video messages and screen captures via email clients, including Microsoft Outlook®.

Seamless Integration with a Variety of Applications and Mobile Devices

The Microsoft Windows-based UM8500 provides unified messaging in a Microsoft Exchange environment and can be seamlessly integrated with Lotus Notes, GroupWise and internet-based email applications that support IMAP. It can support up to 9 external mailboxes per user and even enables users to manipulate their messages in those external mailboxes through their cellular telephones, PDAs, laptops, or whichever device is most convenient.

The UM500's integration with Microsoft Exchange Server also provides the UM8500 the ability to read aloud a schedule of activities for any given day – up to one year in advance. If users forget to sync a smart device with Exchange, they can simply call their voice mail to listen to their calendar of appointments.

Enterprise Scalability and Investment Protection

The UM8500 deploys easily in large enterprises and can handle up to 30,000 users with the equivalent of several hundred ports. By providing Telephone User Interface (TUI) emulation for Octel Aria, Serenade, Centigram/Baypoint and NEAXMail AD-64, the UM8500 protects your investment by lowering user-training time and expense. It also provides multiple levels of redundancy suited to the most stringent customer requirements. For example, when configured in a cluster mode, a group of UM8500s function in tandem. In the event of a port or server failure, the other units in the cluster compensate for the failure without loss of service.

2U Rack-Mountable Configurations

NEC offers UM8500 with 2U servers. This configuration reduces space, power consumption, cabling, and PBX hardware requirements. Fewer points of failure mean higher reliability.

Specifications

The UNIVERGE UM8500 Unified Messaging System offers two platform sizes. The Level I platform allows growth to a maximum of 16 voice ports, while the Level II platform allows growth to a maximum of either 48 (IP) or 96 (Digital, Analog or T1) voice ports in a single server.

UM8500 Exchange-based Message Store

	TTS Sessions	Platform	CPU	RAM	HDDs
Up to 16 ports and up to 960 subscribers	0-3	Level I	2.8 GHz	2GB	Two 36 GB
Up to 20 ports and up to 1,200 subscribers	0-3	Level II	Xeon 2.8 GHz, Dual Core Xeon 1.6 GHz or Xeon Quad Core 2.5 GHz	2GB	Two 36 GB
Up to 32 ports and up to 1,920 subscribers	0-4	Level II	Xeon 2.8 GHz, Dual Core Xeon 1.6 GHz or Xeon Quad Core 2.5 GHz	4GB	Six 73 GB
Up to 48 ports and up to 5,000 subscribers	0-7	Level II	Dual Xeon 2.8 GHz, (2 proc) Dual Core Xeon 1.6 GHz, Xeon Quad Core 2.5 GHz or Xeon (2 proc) Quad Core 2.5 GHz	4GB	Six 73 GB
Up to 96 ports and up to 7,500 subscribers	0-10	Level II	Dual Core Xeon 3.6 GHz, (2 proc) Dual Core Xeon 3.0 GHz or (2 proc) Xeon Quad Core 2.5 GHz	4GB	Six 73 GB
More than 96 ports and/or more than 7,500 subscribers or more than 10 TTS sessions	Clustered Servers				

UM8500 SQL-based Message Store

	TTS Sessions	Platform	CPU	RAM	HDDs
Up to 16 ports and up to 1,200 subscribers	0-3	Level I	2.8 GHz	2GB	Two 36 GB
Up to 32 ports and up to 3,000 subscribers	0-3	Level II	Xeon 2.8 GHz, Dual Core Xeon 1.6 GHz or Xeon Quad Core 2.5 GHz	2GB	Two 36 GB
Up to 48 ports and up to 9,000 subscribers	0-4	Level II	Xeon 2.8 GHz, Dual Core Xeon 1.6 GHz or Xeon Quad Core 2.5 GHz	4GB	Six 73 GB
Up to 72 ports and up to 16,000 subscribers	0-7	Level II	Xeon Quad Core 2.5 GHz or Xeon (2 proc) Quad Core 2.5 GHz	4GB	Six 73 GB
Up to 96 ports and up to 25,000 subscribers	0-10	Level II	(2 proc) Dual Core Xeon 3.0 GHz or (2 proc) Xeon Quad Core 2.5 GHz	4GB	Six 73 GB
More than 96 ports and/or more than 25,000 subscribers or more than 10 TTS sessions	Clustered Servers				

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