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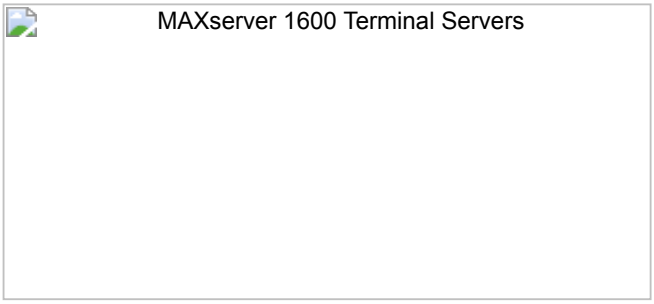
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MAXserver 1600 Terminal Servers

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The MAXserver Series of standalone terminal servers from NBase-Xyplex provides comprehensive serial-based connectivity for a wide range of applications. The MAXserver allows seamless access from local or remote locations for a variety of devices, from terminals and PCs to bar code readers and data acquisition devices. These terminal / access servers are ideal for remote and Internet access, as well as client/server or business automation applications. They are available in AC- and DC- powered versions. With four models ranging from 4 to 40 ports, the MAXserver Series offers multiprotocol support, easy-to-use management options, extensive security features, accounting, and remote access capabilities.

Features

- Terminal access servers with 4, 8, 20, or 40 ports, and port speeds up to 115.2 kbps; AC or DC power
- Support Novell IPX, TCP/IP, LAT,PPP,SLIP,and CSLIP with source and destination filters
- Extensive network security features including support for Kerberos, SecurID, RADIUS
- Expandable memory via industry standard SIMM
- Optional IPX Remote Access,ARAP,TN3270, and DECnet multisessions
- SNMP MIB I, MIB II, Telnet, and RCP; setup options include command line

Applications

- Stat mux replacement
- Traditional terminal serving
- Automating business applications requiring ethernet connectivity
- Server farm management
- Remote access

EXTENSIVE SOFTWARE FEATURES

The MAXservers offer a cost-effective, high-performance solution designed to accommodate growth and change in a network. For example, users whose terminal servers are configured for more traditional terminal serving applications can migrate easily to newer client/server applications using remote access features. With upgradable memory and flexible, robust software features, the MAXserver Series makes migrations to new applications easy and trouble-free.

Software can be loaded from a host network, or the unit can self-load using a flash memory card supplied by NBase-Xyplex. All MAXservers can also act as a network load server for other NBase-Xyplex terminal / access servers on the network.

REMOTE ACCESS & AUTOMATION

Because of its high-performance processor, the MAXserver's serial ports can reach a top speed of 115.2 kbps. This makes it ideal for remote access and business automation applications where speed of connections is essential. The MAXserver's memory can be upgraded using industry-standard SIMMs, allowing broader use of more memory-intensive protocols, as well as support for greater numbers of users or devices.

NBase-Xyplex terminal / access servers support earlier protocols such as SLIP and CSLIP, in addition to PPP. Security options include SecurID, Kerberos,and RADIUS. RADIUS standard or RADIUS accounting information may also be transmitted to the customer's accounting database for access accounting and billing.

For customers with Apple computers, NBase-Xyplex supports ARAP V1.0 which can be used with the Apple Remote Client V1.0 and V2.0 and Apple's CCL facility. AppleTalk zones, databases,and printers on the local network are available to the remote user as if they were directly attached to the local LAN.

NBase-Xyplex terminal / access servers also allow users to share printing resources n a widely distributed heterogeneous environment that includes VAX hosts, UNIX hosts, and Novell and NT servers that support BOOTP.

The MAXserver Series offers a rich array of local and remote management features that are accessible via full in-band SNMP, Telnet, and Digital's Remote Console Protocol (RCP), or via Telnet to an out-of-band management port. NBase-Xyplex has implemented support not only for standard SNMP MIBs, such as MIB I and II and the extended Character MIB for asynchronous devices, but also for a full set of MIB extensions. This allows all terminal / access server parameters to be observed and changed via any SNMP-based management system, including NBase-Xyplex's MegaVision network management software. All MIBs can be obtained from the Internet MIB repository and compiled via standard MIB compilers for use with SNMP-based network management packages.

For UNIX users, APGEN maintains terminal / access server parameter files, converting the Local Parameter File generated on a NBase-Xyplex server to an ASCII script file and storing the converted file on a UNIX host.

For more information on these and other software features supported by NBase-Xyplex terminal / access servers, refer to the Terminal / Access Server Software.

WORLDWIDE SERVICE AND SUPPORT

NBase-Xyplex provides worldwide service and support through a highly-trained team of dedicated field engineers and channel partners. Service offerings include 24-hour technical phone support, 24-hour parts replacement, software and documentation update services, and warranty extension. Additional services such as network design and planning, project management, integration, performance analysis, migration planning, consulting, and installation are also available. In addition, intensive product courses ensure that customers get the most from their investment. Some service offerings may vary by geographic location. Contact your local NBase-Xyplex office or reseller for details.

QUALITY PROCESS

All NBase-Xyplex products are engineered and manufactured for exceptional reliability. Before new products are released, they are fully tested and certified to meet or exceed international standards. The company-wide processes at NBase-Xyplex have earned ISO 9000 certification, the international standard for quality and continuous improvement.

WANT MORE INFORMATION?

If so then please fill out our Product Literature Request Form.

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