



IBM Network Station Series 300: It's about the Internet

Highlights

Simplicity, flexibility and functionality to dramatically lower the overall "cost of ownership" of your desktop computing environment

Efficiently handles all of your existing business applications and brings the power of network computing to everyone in your organization

The IBM Network Station™ Series 300 provides smooth, easy access to data and applications, since both reside on the server. The simplicity of the Network Station also makes configuration, maintenance and troubleshooting simple and less expensive through support at the server. Several studies suggest that network computers can offer significantly lower total cost of ownership than networked PCs and substantial savings when compared to Net PCs. The IBM Network Station ... a simple tool for complex times.



The Internet network computer

The IBM Network Station Series 300 is the *Internet network computer*. It's the perfect choice when your desktop-computing focus extends beyond mainline business applications and data presentation — when users spend a lot of time on your corporate intranet or the Internet. The Series 300 lets you:

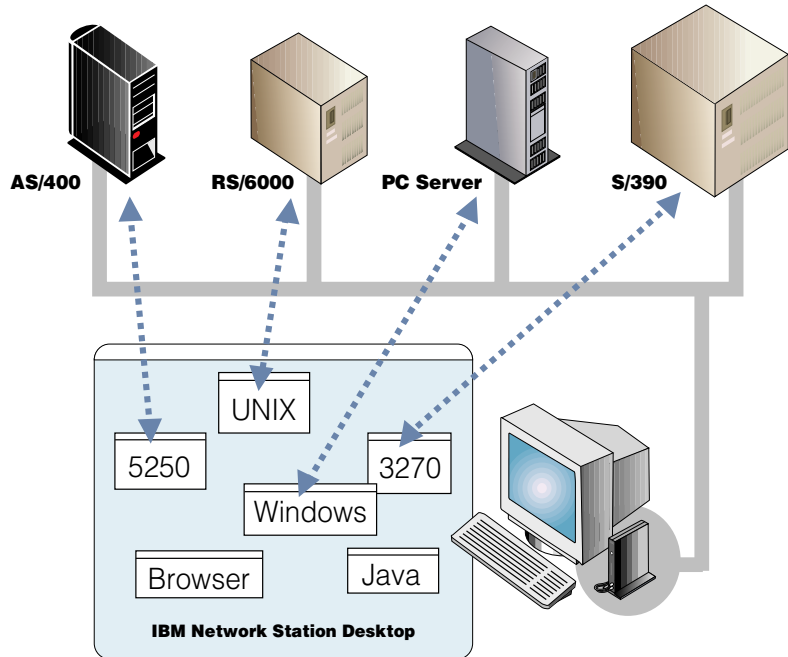
- Access multiple servers (IBM's and others'), including corporate intranet and Internet servers
- Run Windows applications via multiuser implementations of Windows NT, including Windows Terminal Server
- Take advantage of existing twinaxial connections to AS/400 with the new Series 300 twinax model
- Connect via Ethernet or Token-Ring LANs

With all applications and data stored on the server, not the desktop, the IBM Network Station lets end users focus on their work, liberating them from system administration.

- Access and run 3270 and 5250 terminal applications
- Conduct business worldwide with comprehensive national language support for major countries. This includes support for international keyboard layouts and screen displays in the user's native language
- Work with applications on AIX and UNIX servers using X-Windows server support
- Run simple Java applets and applications
- Benefit from your servers' significant processing power

Here are all your applications

Suddenly, your traditional business applications are available where and when you need them. The IBM Network Station runs all your familiar applications on servers, protecting your software investment. And you don't have to change a thing.



The IBM Network Station is a universal access device. It can connect to any IBM server, any network and any application.

Here's what's history

Forget about inflexible "green screen" terminals, with no access to e-mail, graphical applications or your corporate intranet. Forget about frequent PC software upgrades or backing up data at the desktop. That's all taken care of at the server — saving you both time and money. Also forget about virus risks, inappropriate uses of PCs and cost-intensive system maintenance. With all applications and data stored on the server, not the desktop, the IBM Network Station focuses end users on their business computing tasks and frees them from system administration responsibilities.

Here's the best part

The IBM Network Station Series 300's low starting price today and sharply reduced support and training costs over the long term mean your total cost of ownership is a fraction of what it would be for a PC. The Series 300 is easy to install, use and manage. Best of all, it brings all your users, both "green screen" and PC, into the world of

network computing — without disrupting your business. Designed for ease of use, the IBM Network Station provides a windowing environment for the presentation of character-based and graphical applications that reside on multiple servers. It will help you get up and running fast.

Here's who needs it

The IBM Network Station Series 300 is an ideal desktop solution for:

- Users in multiple-server environments whose needs extend beyond access to a variety of business applications to intensive use of your corporate intranet and the Internet
- Companies that need access to existing business applications, as well as newer, graphical applications
- Security-conscious organizations — such as financial institutions, insurance companies and government agencies — that want to store vital data centrally rather than on local PCs

- Companies replacing or adding terminals or PCs
- Organizations looking at PC consolidation to run PC applications on the server, cutting the cost of desktop-level maintenance and troubleshooting
- Organizations that want to increase information technology (IT) functions at a low cost

So simple it's hard to believe

The Network Station's simple design makes it easy to work with applications and data stored on network servers. Terminal users get the full power of the network, and PC users are freed to concentrate on their work — not system maintenance. In a nutshell, the IBM Network Station offers users affordable, easy-to-use access to the advantages of network computing.

It's uncomplicated. It's unimimidating. It's just what your business users need.

Flexibility without headaches

A key feature of the IBM Network Station is the flexibility it offers you and your staff. You can put business applications and electronic messaging on every desktop, along with simultaneous access to Windows applications on Windows NT servers and to server-based applications on UNIX, RS/6000, AS/400 and S/390 servers. The IBM Network Station Series 300 provides national language support for major countries to bring your enterprise under one umbrella.

The IBM Network Station also eliminates the time, money and trouble involved in installing, managing and supporting individual software packages across many different desktops.

It all adds up to lower costs

With this combination of capability and simplicity, you would expect the IBM Network Station to cost a lot. Yet, one of its most important business advantages is its low cost — both in its starting price and total cost of ownership.

The IBM Network Station Series 300 at a glance

Models	Ethernet, Token-Ring, twinax (support for AS/400 ¹)
Terminal support	3270 5250 X-Windows server
Web browser	NC Navigator
Windows applications	Via multiuser implementations of Windows NT on a PC Server through X or ICA communications protocols
Lotus Notes/Domino	Via Web browser and Domino server
Memory	16MB (base) expandable to 64MB 2 SIMM Sockets
Connectivity	Ethernet 10 base T or Token-Ring 4/16 Mb
Video support	Minimum: 640x480 VGA Maximum: 1600x1200 SXGA 1MB (base) VRAM, expandable to 2MB
Monitor support	Video graphics array (VGA) Super video graphics array (SVGA) Super extended graphics array (SXGA)
Input Devices	Language-specific PC keyboard, two-button mouse
Audio support	8-bit audio with integrated speaker
Physical specifications	Height: 190.5mm (7.5 inches) Depth: 266.7mm (10.5 inches) Width: 31.75mm (1.25 inches) Weight: .816kg (1.8 lbs.) Power consumption: 7 watts
Warranty	One (1) year

¹Requires AS/400 with OS/400 V4R2 (or later) running TCP/IP

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For running today's and tomorrow's business applications at the desktop, it's the IBM Network Station.

Hardware requirements

- A PC server, RS/6000, AS/400 or S/390 server with TCP/IP connected to a local area network (LAN) or AS/400 with twinax cabling running TCP/IP for the new Series 300 twinax model
- An IBM Network Station with Ethernet or Token-Ring connection to a PC Server, RS/6000, AS/400 or S/390 server
- Video graphics array (VGA) or Super video graphics array (SVGA) or Super extended graphics array (SXGA) monitor

Base models ship with 16MB of system memory and 1MB of video memory, supporting operation of the system software, multiple terminal sessions and display resolutions of up to 1024x768.

What you need on your server

The following server software is required:

PC Server

- Windows NT Server 4.0 and the IBM Network Station Manager for Windows NT Server 4.0

Customers who require the use of multiuser Windows applications on their Network Stations will be able to connect to Microsoft Windows Terminal Server (formerly known as Hydra). For ICA-based Network Station clients, Citrix MetaFrame will be required. For X-based Network Station clients, Citrix MetaFrame and NCD WinCenter 4.0 will be required.

RS/6000

- AIX, Version 4.1.5, plus IBM Network Station PTF update or AIX Version 4.2.1 (or later). This software includes terminal support for 3270, 5250 and X-Windows servers and the NC Navigator browser.

AS/400

- OS/400, Version 3 Release 7 or above for Ethernet or Token-Ring
- IBM Network Station Manager for AS/400
- or
- OS/400, Version 4 Release 2 or above for twinax model
- IBM Network Station Manager for AS/400
- or
- AS/400, Advanced Entry BasePak
- IBM Network Station Manager for AS/400

S/390

- VM/ESA, Version 2 Release 3 or above and a Web Server
- or
- OS/390, Version 2 Release 4 or above

Note: VSE/ESA and TPF can be the target server for 3270 and Web browser access, but require another server in the network to provide booting.

For more information

To find out more about how network computing with the IBM Network Station and the IBM family of servers can help you make the most of your business opportunities, call 1 800 IBM-7080, priority code 6N7BK05, in North America. Outside North America, call 416 383-5152, priority code 6N7BK05.

Or, if you have access to the Internet you can find the latest Network Station information via the World Wide Web at www.ibm.com/nc.



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6-98
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G221-6951-01