



IBM Network Station Series 100: It's about access

Highlights

The IBM Network Station Series 100 is an integral part of IBM's Network Station family of network computers. The simplicity, flexibility and functionality of the IBM Network Station dramatically lower the overall "cost of ownership" of your desktop computing environment while efficiently handling all of your existing business applications. It brings the power of network computing to everyone in your organization.

The IBM Network Station 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.

Access network computer

The IBM Network Station Series 100 is the *access network computer*. It is the choice for data presentation and the ideal solution when your desktop-computing focus is on access to server-based applications. The Series 100 lets you:

- Access multiple servers (IBM and others)
- Run Windows applications via multiuser implementations of Windows NT
- Support 3270 and 5250 terminal applications
- Work with applications on AIX and UNIX servers using X-Windows server support
- 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.

Here's what's history

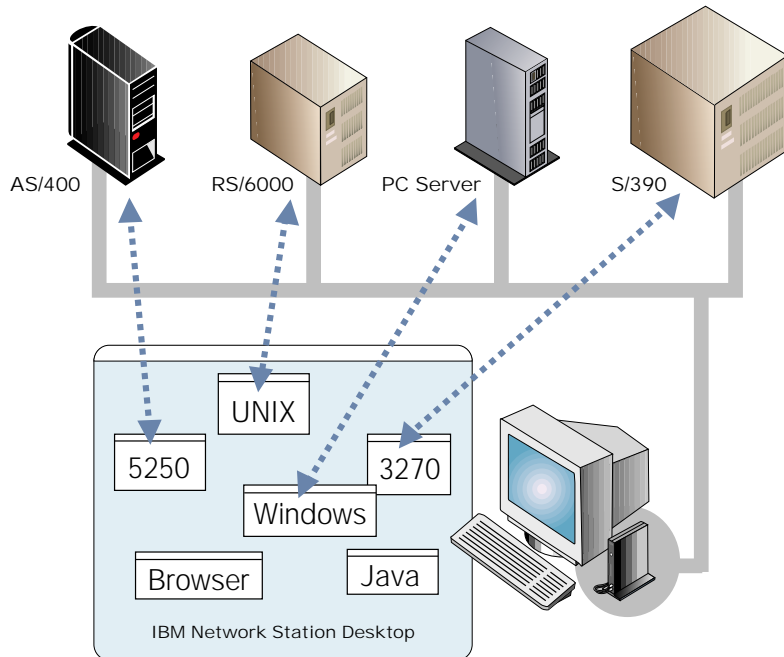
Forget about inflexible "green screen" terminals, with no access to e-mail, graphical applications or your corporate intranet. Forget about frequent PC software upgrades or backing up data at the desktop. That's all taken care of at the server — saving you both time and money. And forget about virus 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

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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 100'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 100 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.



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

Here's who needs it

The IBM Network Station Series 100 is an ideal desktop solution for:

- Users in multiple-server environments who need to access a variety of business applications — even on different platforms
- Companies that need access to existing business 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 inefficient or difficult-to-maintain older terminals and/or older PCs
- Companies adding new 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 aiming to provide terminal users more access to contemporary business applications and e-mail at their desktops
- 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 unimposing. 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

100 brings your entire 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. For running the business applications of today and tomorrow 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)
- 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 8MB of system memory and 1MB of video memory. Base models support operation of the system software, multiple terminal sessions and display resolutions of up to 1024x768 at 256 colors.

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

or

- WinCenter version 3.0 from Network Computing Devices, Inc. and the IBM Network Station software for PC servers running multiuser Windows NT software

For access to Windows, a PC server running a multiuser implementation of Windows NT is required (such as WinCenter from Network Computing Devices, Inc.).

RS/6000

- AIX, Version 4.1.5, plus IBM Network Station PTF update or AIX Version 4.2.1 – This software includes terminal support for 3270, 5250 and X-Windows servers, the IBM Network Station Browser and the Navio NC Navigator™ for the IBM Network Station.

The IBM Network Station Series 100 at a glance

Models	Ethernet or Token-Ring
Terminal support	3270 5250 X-Windows server
Web browser	Supported
Windows applications	Via multiuser implementations of Windows NT on a PC Server ¹
Lotus Notes	Via Web browser and Domino server
Memory	8MB (base) expandable to 64MB 2 SIMM Sockets
Connectivity	Ethernet 10 base T or Token-Ring 4/16
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)
Keyboard	102-key PC keyboard
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

¹ Such as WinCenter, available from Network Computing Devices, Inc.

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AS/400

- OS/400, Version 3 Release 2
- IBM Network Station Manager for AS/400

or

- OS/400, Version 3 Release 7
- IBM Network Station Manager for AS/400

or

- AS/400, Advanced Entry BasePak
- IBM Network Station Manager for AS/400

S/390

- MVS/ESA, Version 5 Release 2.2
- TCP/IP, Version 3 Release 2
- IBM Internet Connection Server for MVS, Version 1

or

- OS/390, Version 1 Release 1 and above
- TCP/IP, Version 3 Release 2
- IBM Internet Server, Version 1 or 2

or

- OS/390, Version 1 Release 3 with the most recent TCP/IP
- IBM Internet Server, Version 1 or 2

Note: The IBM Network Station Manager is delivered as a feature for TCP/IP. The initial support (TFTP downloading) is available as a PTF for all the above cases for the TCP/IP Open Edition application feature. VM/ESA, Version 2 Release 1 provides the same support as OS/390 on the same schedule. 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 <http://www.ibm.com/nc>

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Route 100
Somers, NY 10589

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7-97

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