

Windows NT Workstation and Win95: Technical Differences

Technical Feature Comparison--Windows NT Workstation and Windows 95

Contents

- [System and Peripheral Requirements and Support](#)
 - [Application Support](#)
 - [Manageability](#)
 - [User Interface](#)
 - [Connectivity](#)
 - [Application and Data Protection](#)
-

The table below summarizes features which are shared between Windows NT[®] Workstation 4.0 and Windows 95.

System and Peripheral Requirements and Support

[Back to
Top](#)

Product Feature	Windows 95	Windows NT Workstation 4.0
Runs MS-DOS [®] device drivers	Yes	No
Runs 16-bit Windows [®] -based device drivers	Yes	No
Recommended RAM for running multiple applications	16+MB	32+MB
Typical disk space requirement	40MB	120MB
Runs on PowerPC, MIPS R4x00 and Alpha AXP-based RISC systems	No	Yes

Supports multiple CPUs

No

Yes

Application Support

[Back to Top](#)

Product Feature	Windows 95	Windows NT Workstation
32-bit Windows-based API for application development, OLE for linking data across applications	Yes	Yes
Preemptive multitasking of 32-bit Windows-based applications	Yes	Yes
Runs 16-bit Windows-based applications	Yes	Yes
Multimedia APIs (DibEngine, DirectDraw [®] , DirectSound [®] , DirectInput [®] , Reality Lab 3D graphics libraries)	Yes	DirectDraw and DirectSound Others: 1997
DCOM	Yes	Yes
OpenGL graphics libraries for 3D graphics	Yes. Service Pack 1	Yes
System Resources Capacity	Greatly expanded	Unlimited
Runs MS-DOS applications	Yes	Most
Runs IBM Presentation Manager (through 1.3) and POSIX 1003.1 applications	No	Yes

Manageability

[Back to Top](#)

Product Feature	Windows 95	Windows NT Workstation
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Preemptive multitasking for 16-bit Windows-based applications	No	Yes
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System completely protected from errant 16-bit Windows-based and 32-bit Windows-based applications	No	Yes
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NTFS file system provides complete protection of files on a stand-alone system (files, folders, and applications can be made "invisible" to specific users)	No	Yes
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Has automatic recovery from a system failure	No	Yes
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User Interface

[Back to Top](#)

Product Feature	Windows 95	Windows NT Workstation
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Windows User Interface	Yes	Yes
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Plug and Play technology that lets you add hardware automatically and dynamically reconfigure the system	Yes	Yes
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Connectivity

[Back to Top](#)

Product Feature	Windows 95	Windows NT Workstation
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LAN connectivity and peer-to-peer networking, with all popular protocols including TCP/IP, IPX/SPX, DLC and NetBEUI	Yes	Yes
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Open networking architecture provides a choice of clients, transports, drivers and extensibility for support of third party networking applications	Yes	Yes
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Remote Access Services	Yes	Yes
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Windows Messaging Client providing e-mail and fax	Yes	Fax support delivered separately
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Microsoft Network (MSN™) client software	Yes	Delivered separately
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Application and Data Protection

[Back to Top](#)

Product Feature	Windows 95	Windows NT Workstation
Open system management architecture provides infrastructure for third party system management solutions	Yes	Yes
Supports existing and emerging system management standards (SNMP, DMI)	Yes	Yes
System policies to provide centralized control over desktop configuration	Yes	Yes
User profiles to provide consistent configuration for roving users or different users sharing a single system	Yes	Yes
Remote monitoring of system performance	Yes	Yes

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Quelle:

<http://www.microsoft.com/ntworkstation/ProductInformation/ProductOverview/FeatureList/Windows95/techdiff.asp>