



## NeXTstation

The NeXTstation™ computer is the most affordable NeXT™ computer available. It offers unprecedented performance at an affordable price. The NeXTstation is ideal either as a standalone system or connected to a network.

The engineers at NeXT have pioneered a variety of new technologies to create the high-performance NeXTstation. At the heart of the computer is a Motorola 68040 CPU, running at 25 MHz. It is part of a system architecture that also includes a Motorola 56001 DSP and an Integrated Channel Processor invented at NeXT. The NeXTstation provides exceptional system throughput and performance.

The NeXTstation includes 8 MB of main memory, which can be expanded to an impressive 32 MB. It offers the latest in floppy disk technology; our 3.5-inch floppy disk drive stores 2.88 megabytes of information and can also read from and write to 1.44 MB and 720 KB DOS-formatted disks. The 105 MB internal hard disk drive that comes with the computer is preloaded with NeXT system software; a 340 MB hard disk is available as an option. High-performance Ethernet capabilities are built in—the computer offers both thin and twisted-pair Ethernet.

Features	Benefits
Motorola 68040 CPU	The NeXTstation uses a powerful Motorola 68040 CPU that provides impressive system performance. The NeXTstation is capable of processing at 15 MIPS and 2 MFLOPS.
Built-in networking capabilities	Like the rest of the NeXT product line, the NeXTstation has both thin and twisted-pair Ethernet built in, which makes connecting it to a network a snap.
MegaPixel Display	One of the clearest displays in the industry, the MegaPixel Display features a screen that measures 17 inches diagonally. You can view a full page of your work with plenty of space left over for menus, icons, and tools.
2.88 MB Floppy Disk Drive	The floppy disk drive lets you store 2.88 MB of information on inexpensive, removable disks. It also reads from and writes to 1.44 MB and 720 KB DOS-formatted disks.
Compact design	The NeXTstation computer's main unit was designed to fit under the NeXT MegaPixel Display, and it doesn't take up additional space on your desk.

## NeXTstation Color

NeXTstation Color is an affordable, 16-bit color NeXT computer for people who want a professional color solution. It's ideal for publishing, graphic design, computer-aided design, presentations, analysis, and virtually all other applications that require color capabilities.

In addition to the same core technologies that make NeXTstation an exceptional computer, the NeXTstation Color computer has 1.5 MB of dedicated video memory. This lets it display 4096 colors simultaneously on a NeXT MegaPixel Color Display. The NeXT MegaPixel Color Display measures 16 inches diagonally and can be used with all NeXT color systems. It has a resolution of 1120 (h) x 832 (v). The NeXTstation Color computer has been engineered to handle the demands of today's—and tomorrow's—true-color applications. It can be configured with 12 MB to 32 MB of memory.



Features	Benefits
16-bits-per-pixel color	The NeXTstation Color computer can display 4096 colors simultaneously, letting you create images of near-photographic quality.
MegaPixel Color Display	Lets you view a full page of your work in breathtaking color. And there's plenty of extra room for menus, icons, and tools.
Color PostScript	Software applications written for a monochrome NeXT computer will also run on a color NeXT computer, and vice versa. In addition, color PostScript® lets you print to color printers, slide makers, and imagesetters.
Built-in Ethernet	High-performance Ethernet allows you to share large color images over a network.

## 400 dpi Laser Printer

Features	Benefits
400 dpi resolution	Offers 75% greater image resolution than 300 dpi laser printers, so your graphics, pictures, illustrations, and type look sharper and crisper.
Adjustable paper tray	You can print on a variety of paper sizes—A4, letter-size, and even envelopes.
Straight paper path	This laser printer has a straight paper path, virtually eliminating jams.
Affordable price	Although it's priced as a personal printer, it's more than powerful enough to be shared on a network.



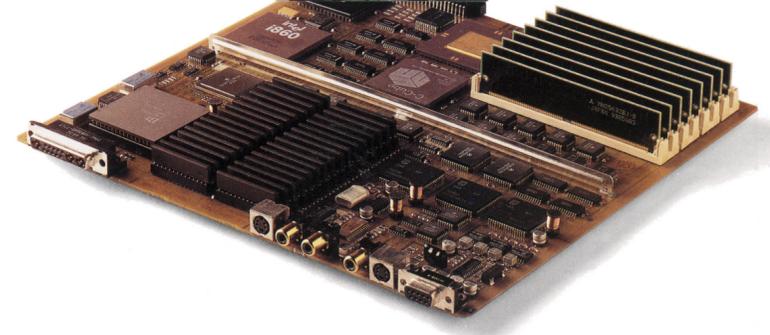
## NeXTcube

The NeXTcube™ computer is the expandable NeXT computer for people who need maximum configuration flexibility in mass storage and memory. It can also be used as a server on a network.



Features	Benefits
Flexibility in memory configurations	You can equip the NeXTcube with 8 MB to 64 MB of main memory, depending on your needs.
Variety of storage options	We offer several storage options—a 2.88 MB floppy disk drive; a 256 MB optical disk drive; a CD-ROM drive; and 105 MB, 340 MB, 660 MB, and 1.4 GB hard disk drives—giving you the ability to choose the type and amount of storage to meet your needs.
Expansion slots	There are three NeXTbus expansion slots for third-party and NeXT boards, such as the NeXTdimension color board, letting you add additional capabilities to your computer.
Server capabilities	You can take a standard NeXTcube and turn it into a server system, simply by adding more memory and storage.

NeXT computers use Display PostScript® for both screen imaging and printing. This makes two key things possible: First, what you see on the screen is precisely what you get when you print. Second, it means that imaging happens in the NeXT computer—not in the printer. So there's no need for the printer to have its own processor. That's why the NeXT 400 dpi Laser Printer is one of the most affordable printers around.



## NeXTdimension

NeXTdimension is an accelerated, 32-bit color board that gives the NeXTcube state-of-the-art color capabilities. NeXTdimension was designed for people who want the most advanced color PostScript system available. It's ideal for high-end publishing, graphics, video, and animation applications.

The engineers at NeXT have integrated a 32-bit, true-color display function, a 64-bit RISC-based dedicated graphics coprocessor, video capture and display, and a high-performance JPEG compression coprocessor—all on one board. Its Intel i860 RISC-based microprocessor, operating at 33 MHz, runs full-color PostScript and has been optimized for our coprocessing environment, increasing drawing speed eight to twelve times. This enables graphics applications to process images and interactive 3D graphics in near real time. The JPEG compression capabilities let you compress and play back still- and full-motion video.



Features	Benefits
32-bits-per-pixel color	NeXTdimension offers 16.7 million colors to choose from, so images on the screen have a photographic realism, with color, depth, and clarity.
Accelerated graphics	The Intel i860 graphics accelerator makes working with 32-bit color as fast as—and in some cases faster than—working on a standard NeXTcube monochrome system.
Video input and output	Lets you connect a NeXTdimension system to a VCR, laserdisc player, VHS, S-VHS, Hi-8, Beta, Camcorder, or still-video camera without requiring additional boards.
Real-time compression and decompression	Lets you take live video, compress it, and store it on hard disk—in real time. With compression, you can store more than 60 minutes of live video on a high-capacity hard disk.
MegaPixel Color Display	The large, clear MegaPixel Color Display lets you view a full page of your work in breathtaking color. And there's plenty of extra room for menus, icons, and tools.

## What makes a NeXT computer a NeXT computer?

**DMA architecture.** We've built NeXT computers to handle even the most complex tasks efficiently. Rather than basing them on traditional PC or workstation architectures, we used a DMA architecture similar to that of mainframe computers (which are known for their superior system throughput). The result is that NeXT computers offer exceptional system throughput and performance.

**NeXTStep.**<sup>®</sup> NeXTStep is both a development environment and graphical user interface. As a development environment, NeXTStep makes it possible for people to design graphical user interface applications more quickly. As a user interface, NeXTStep makes it easy for people to learn to use a NeXT computer.

**Motorola 68040.** The Motorola 68040 makes NeXT computers capable of processing at up to 15 MIPS and 2 MFLOPS.

**UNIX.**<sup>®</sup> NeXT computers run on the UNIX operating system, which offers true multitasking and powerful networking capabilities.

**Display PostScript.** NeXT offers a unified imaging model; that is, we use Display PostScript for imaging on both the screen and the printer. Which means that what you see on screen is precisely what you'll get when you print.

**Motorola 56001 Digital Signal Processor.** All NeXT computers come with a DSP making them capable of generating music, speech, and CD-quality sound. The DSP lets the computer handle large matrix calculations with extreme speed.

### 2.88 MB floppy disk drive.

This drive gives you the ability to store twice as much as today's standard drives. It also reads from and writes to DOS-formatted disks, letting you easily transfer data to and from other computers.

**Ethernet.** Every NeXT computer features both thin and twisted-pair Ethernet built in, making it a snap to connect a NeXT computer to an Ethernet network.

**Serial and SCSI ports.** NeXT computers can use a variety of external devices. Every NeXT computer features a SCSI-2 port and two serial ports that let you connect to scanners, fax modems, external disk drives, and tape backup units.

**MegaPixel Display.** The NeXT monochrome and color MegaPixel Displays are some of the clearest around. They have plenty of space on screen, so you can view multiple applications at once. But they don't take up a lot of space on your desk.

### Bundled software

**Release 2.0 includes:**

#### End User Applications

- Workspace Manager™
- NeXTmail™
- WriteNow<sup>®</sup> Word Processor
- Digital Webster™: Webster's Ninth New Collegiate Dictionary<sup>®</sup> and Webster's Collegiate<sup>®</sup> Thesaurus
- Digital Librarian™
- Edit

- Mathematica<sup>®</sup>—for higher education customers only
- DataViz/Bridge™
- Installer
- FaxReader
- Preferences
- Preview for PostScript
- PrintManager

#### Developer Tools

- VT100™ Terminal Emulator

#### System Administration Applications

- BuildDisk
- InstallTablet
- Mail Manager

- NetInfoManager
- NetManager
- PrinterTester
- UserManager
- Installer

#### Release 2.0 Extended also includes:

#### End User Applications

- Oxford<sup>®</sup> Dictionary of Quotations
- William Shakespeare, The Complete Works (for Digital Librarian)
- T<sub>E</sub>X™ Document Processing System (Radical Eye Software)

#### Developer Tools

- Interface Builder™
- Objective-C<sup>®</sup> Language Compiler
- C++ Language Compiler
- Objective-C Class Definitions
- 56001 DSP Tools
- GNU Emacs
- GNU Debugger
- BUG-56™ Debugger (Ariel)
- Malloc Debugger
- ApplInspector™
- PostScript Tools
- Application Kit™
- Music Kit™
- Sound Kit™
- On-line technical documentation

NeXTdimension			
<b>NeXTdimension Board</b>	<p><b>Graphics Processor</b></p> <ul style="list-style-type: none"><li>Intel i860 33 MHz RISC processor</li> <li>30,000 polygon/sec (Gouraud shaded, triangular, meshed)</li> <li>30 ms full-screen clear 130 MB/sec bit rate (peak)</li></ul> <p><b>Image Compression/Decompression</b></p> <ul style="list-style-type: none"><li>Dedicated JPEG Image Compression Processor</li></ul>	<ul style="list-style-type: none"><li>Real-time compression and decompression to hard disk</li> <li>User-selectable compression rate</li></ul> <p><b>Memory</b></p> <p>Main Memory</p> <ul style="list-style-type: none"><li>8 MB to 32 MB of main memory</li></ul> <ul style="list-style-type: none"><li>Expandable using 72-pin DRAM SIMM modules</li></ul>	<p>Display Memory</p> <ul style="list-style-type: none"><li>4 MB VRAM</li> <li>32 bits/pixel color, including 8 bits/pixel alpha channel</li> <li>Supports double-buffered 16 bits/pixel windows</li></ul> <p><b>Display Resolution</b></p> <ul style="list-style-type: none"><li>1120x832 pixels</li></ul> <p><b>Display Output</b></p> <ul style="list-style-type: none"><li>13W3 triple-coaxial</li></ul>
<b>Video</b>	<p><b>Video Compatibility</b></p> <ul style="list-style-type: none"><li>NTSC video input and output channels (PAL option)</li> <li>Video output genlocked to input video source</li> <li>Closed-caption, TeleText, and VITC support</li></ul>	<p><b>Video Inputs:</b></p> <ul style="list-style-type: none"><li>One S-Video using standard DIN-style 4-pin jack</li> <li>Two composite video using RCA®-style jack</li> <li>Software-selectable</li></ul>	<p><b>Video Outputs:</b></p> <ul style="list-style-type: none"><li>One S-Video using standard DIN-style 4-pin jack</li> <li>One composite video using RCA-style jack</li> <li>One RGB video using 9-pin D-shell with EGA pinout</li></ul>
<b>MegaPixel Color Display and Sound Box</b>	<p><b>Display</b></p> <ul style="list-style-type: none"><li>16-inch display</li> <li>1120x832 resolution</li> <li>68 Hz refresh rate, noninterlaced</li> <li>92 dots per inch</li></ul> <p>Dimensions</p> <ul style="list-style-type: none"><li>15.8 in. (h) x 15.5 in. (w) x 17.3 in. (d) (400 mm x 394 mm x 438 mm)</li></ul> <p>Weight</p> <ul style="list-style-type: none"><li>70 lbs. (31.8 kg)</li></ul>	<p>Connector</p> <ul style="list-style-type: none"><li>13W3-style triple-coaxial</li></ul> <p>Power Requirement</p> <ul style="list-style-type: none"><li>100-120/200-240VAC switchable</li> <li>200W</li></ul> <p>Operating Environment</p> <ul style="list-style-type: none"><li>Ambient temperature: 32°F to 104°F (0°C to 40°C)</li> <li>Relative humidity: 10% to 90%</li> <li>Altitude: 0 to 15,000 ft. (0 to 4,572 m)</li></ul>	<p><b>Sound Box</b></p> <ul style="list-style-type: none"><li>Integrated monophonic speaker and microphone</li> <li>Headphone and RCA-style stereo output jacks</li> <li>NeXT keyboard and mouse interface</li></ul>
<b>Other Specifications</b>	<p><b>System Compatibility</b></p> <ul style="list-style-type: none"><li>NeXTcube computer via NeXTbus</li></ul> <p><b>Power Requirements</b></p> <p>18W (3.6A at 5V)</p>	<p><b>Operating Environment</b></p> <ul style="list-style-type: none"><li>Ambient temperature: 32°F to 104°F (0°C to 40°C)</li> <li>Relative humidity: 10% to 90%</li> <li>Altitude: 0 to 15,000 ft. (0 to 4,572 m)</li></ul>	<p><b>Regulations</b></p> <ul style="list-style-type: none"><li>UL478, CSA 220, and IEC950 (EN60950) product safety requirements</li> <li>FCC Class A, VCCI Class 1, and CISPR-22 Class A (EN550022) EMI requirements</li></ul>

NeXTcube			
<b>NeXTcube Board</b>	<p><b>Processors</b></p> <p>Motorola 68040 25 MHz CPU</p> <ul style="list-style-type: none"><li>Integrated Memory Management Unit</li> <li>Integrated Floating-Point Unit</li> <li>Integrated instruction/data caches</li></ul> <p>Motorola 56001 25 MHz Digital Signal Processor</p>	<p>Integrated Channel Processor</p> <ul style="list-style-type: none"><li>9 DMA channels</li> <li>40 MB/sec bandwidth</li></ul> <p><b>Performance</b></p> <ul style="list-style-type: none"><li>15 Dhrystone MIPS</li> <li>2 MFLOPS DP LINPACK</li></ul> <p><b>Memory Main Memory</b></p> <ul style="list-style-type: none"><li>8 MB to 64 MB of main memory</li></ul>	<ul style="list-style-type: none"><li>Optional main memory parity checking</li> <li>Integrated using DRAM SIMM modules</li></ul> <p>DSP Static Memory</p> <ul style="list-style-type: none"><li>24 KB of DSP static RAM</li> <li>Expandable up to 576 KB using an SRAM SIMM module</li></ul>
<b>Mass Storage Options*</b>	<p><b>3.5-inch Floppy Disk Drive</b></p> <ul style="list-style-type: none"><li>2.88 MB formatted capacity using ED (extended density) floppy disks</li> <li>3.5-inch third-height form factor</li> <li>Compatible with 1.44 MB and 720 KB DOS-formatted disks</li></ul> <p><b>105 MB Hard Disk Drive</b></p> <ul style="list-style-type: none"><li>3.5-inch half-height form factor</li> <li>105 MB formatted capacity</li> <li>17 ms average seek time</li> <li>4.0 MB/sec maximum transfer rate</li> <li>Software Release 2.0 prebuilt on disk</li></ul> <p><b>340 MB Hard Disk Drive</b></p> <ul style="list-style-type: none"><li>3.5-inch half-height form factor</li> <li>340 MB formatted capacity</li> <li>15 ms average seek rate</li></ul>	<ul style="list-style-type: none"><li>8.0 MB/sec maximum transfer rate (synchronous)</li> <li>Software Release 2.0 Extended preinstalled on disk</li></ul> <p><b>660 MB Hard Disk Drive</b></p> <ul style="list-style-type: none"><li>5.25-inch full-height form factor</li> <li>660 MB formatted capacity</li> <li>16.5 ms average seek rate</li> <li>2.5 MB/sec raw burst transfer rate</li> <li>1.6 MB/sec sustained transfer rate</li> <li>Software Release 2.0 Extended preinstalled on disk</li></ul> <p><b>1.4 GB Hard Disk Drive</b></p> <ul style="list-style-type: none"><li>5.25-inch full-height form factor</li> <li>1.4 GB formatted capacity</li> <li>13 ms average seek rate</li></ul>	<ul style="list-style-type: none"><li>4 MB/sec maximum transfer rate</li> <li>Software Release 2.0 Extended preinstalled on disk</li></ul> <p><b>256 MB Optical Disk Drive</b></p> <ul style="list-style-type: none"><li>5.25-inch full-height form factor</li> <li>256 MB capacity read/write/erasable</li> <li>92 ms average seek time</li> <li>Magneto-optical technology</li></ul> <p><b>CD-ROM</b></p> <ul style="list-style-type: none"><li>5.25-inch half-height form factor</li> <li>550 MB capacity</li> <li>ISO 9660 standard format</li> <li>1.5 MB/sec transfer rate</li></ul> <ul style="list-style-type: none"><li>All options listed here are internal storage devices.</li></ul>
<b>MegaPixel Display, Keyboard, and Mouse</b>	<p><b>Display</b></p> <ul style="list-style-type: none"><li>17-inch display</li> <li>1120 x 832 resolution at 2 bits/pixel</li> <li>68 Hz refresh rate, noninterlaced</li> <li>92 dots per inch</li> <li>Integrated microphone and speaker</li> <li>CD-quality stereo sound via line-outs and headphone jack</li></ul>	<p>Dimensions</p> <ul style="list-style-type: none"><li>17.3 in. (h) x 16 in. (w) x 14 in. (d) (440 mm x 408 mm x 354 mm)</li></ul> <p>Weight</p> <ul style="list-style-type: none"><li>33 lbs (15 kg)</li></ul>	<p><b>Keyboard</b></p> <ul style="list-style-type: none"><li>84 keys, including: cursor keys, numeric pad, monitor brightness, sound volume, and power on/off</li></ul> <p><b>Mouse</b></p> <ul style="list-style-type: none"><li>Two-button opto-mechanical mouse</li></ul>

<b>Communications and Interfaces</b>	Thin Ethernet, IEEE 802.3a-compatible at 10 Mbit/sec <p>Twisted-pair Ethernet, 10BaseT-compatible at 10 Mbit/sec</p>	Two RS-423 serial ports <p>SCSI-2 connector with transfer rate of 4.8 MB/sec (burst rate)</p> <p>Three NeXTbus expansion slots</p>	Laser Printer port (for NeXT 400 dpi Laser Printer) <p>Digital Signal Processor port</p> <p>MegaPixel Display port</p>
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#### Other Specifications

**Dimensions**

- 1-foot (305 mm) die-cast magnesium cube
- Space for two full-height, 5.25-inch mass storage devices—or three half-height devices

#### Weight

- 20 lbs. to 37 lbs. (13 kg to 17 kg)

**Power**

- Powers up to four slots with 20W each
- 100V to 240V, 47 Hz to 63 Hz
- 300W, 5A maximum (including MegaPixel Display)

#### Operating Environment

- Ambient temperature: 32°F to 104°F (0°C to 40°C)

- Relative humidity: 10% to 90%

- Altitude: 0 to 15,000 ft. (0 to 4,572 m)

**Regulations**

- UL478, CSA 220, and IEC950 (EN60950) product safety requirements
- FCC Class A, VCCI Class 1, CISPR-22 Class A (EN550022) EMI requirements

NeXTstation Color			
<b>NeXTstation Color Board</b>	<p><b>Processors</b></p> <p>Motorola 68040 25 MHz CPU</p> <ul style="list-style-type: none"><li>Integrated Memory Management Unit</li> <li>Integrated Floating-Point Unit</li> <li>Integrated instruction/data caches</li></ul> <p>Motorola 56001 25 MHz Digital Signal Processor</p> <p>Integrated Channel Processor</p> <ul style="list-style-type: none"><li>8 DMA channels</li> <li>40 MB/sec bandwidth</li></ul>	<p><b>Performance</b></p> <ul style="list-style-type: none"><li>15 Dhrystone MIPS</li> <li>2 MFLOPS DP LINPACK</li></ul> <p><b>Memory</b></p> <p>Main Memory</p> <ul style="list-style-type: none"><li>12 MB to 32 MB of main memory (interleaved)</li> <li>Optional main memory parity checking</li> <li>Expandable using DRAM SIMM modules</li></ul>	<p>Display Memory</p> <ul style="list-style-type: none"><li>1.5 MB VRAM</li> <li>16 bits/pixel color</li> <li>Includes 4 bits/pixel alpha channel</li> <li>4096 simultaneously displayable colors</li></ul> <p>DSP Static Memory</p> <ul style="list-style-type: none"><li>24 KB of DSP static RAM</li> <li>Expandable up to 576 KB using a SRAM SIMM module</li></ul>
<b>Mass Storage*</b>	<p><b>3.5-inch Floppy Disk Drive</b></p> <ul style="list-style-type: none"><li>2.88 MB formatted capacity using ED (extended density) disks</li> <li>3.5-inch third-height form factor</li> <li>Compatible with 1.44 MB and 720 KB DOS-formatted disks</li></ul> <p><b>105 MB Hard Disk Drive</b></p> <ul style="list-style-type: none"><li>3.5-inch half-height form factor</li></ul>	<ul style="list-style-type: none"><li>105 MB formatted capacity</li> <li>17 ms average seek time</li> <li>4.0 MB/sec maximum transfer rate (synchronous)</li> <li>Software Release 2.0 preinstalled on disk</li></ul> <p><b>340 MB Hard Disk Drive (optional)</b></p> <ul style="list-style-type: none"><li>3.5-inch half-height form factor</li></ul>	<ul style="list-style-type: none"><li>340 MB formatted capacity</li> <li>15 ms average seek time</li> <li>8.0 MB/sec maximum transfer rate (synchronous)</li> <li>Software Release 2.0 Extended preinstalled on disk</li></ul> <ul style="list-style-type: none"><li>All options listed here are internal storage devices.</li></ul>
<b>MegaPixel Color Display and Sound Box</b>	<p><b>Display</b></p> <ul style="list-style-type: none"><li>16-inch display</li> <li>1120x832 resolution</li> <li>68 Hz refresh rate, noninterlaced</li> <li>92 dots per inch</li></ul> <p>Dimensions</p> <ul style="list-style-type: none"><li>15.8 in. (h) x 15.5 in. (w) x 17.3 in. (d) (400 mm x 394 mm x 438 mm)</li></ul> <p>Weight</p> <ul style="list-style-type: none"><li>70 lbs. (31.8 kg)</li></ul>	<p>Connector</p> <ul style="list-style-type: none"><li>13W3-style triple-coaxial</li></ul> <p>Power Requirement</p> <ul style="list-style-type: none"><li>100-120/200-240VAC switchable</li> <li>200W</li></ul> <p>Operating Environment</p> <ul style="list-style-type: none"><li>Ambient temperature: 32°F to 104°F (0°C to 40°C)</li> <li>Relative humidity: 10% to 90%</li> <li>Altitude: 0 to 15,000 ft. (0 to 4,572 m)</li></ul>	<p><b>Sound Box</b></p> <ul style="list-style-type: none"><li>Integrated monophonic speaker and microphone</li> <li>Headphone and RCA-style stereo output jacks</li> <li>NeXT keyboard and mouse interface</li></ul>
<b>Communications and Interfaces</b>	Thin Ethernet, IEEE 802.3a-compatible at 10 Mbit/sec <p>Twisted-pair Ethernet, 10BaseT-compatible at 10 Mbit/sec</p>	Two RS-423 serial ports <p>SCSI-2 connector with transfer rate of 4.8 MB/sec (burst rate)</p>	Laser Printer port (for NeXT 400 dpi Laser Printer) <p>Digital Signal Processor port</p> <p>MegaPixel Color Display port</p>
<b>Other Specifications</b>	<p><b>Dimensions</b></p> <ul style="list-style-type: none"><li>15.66 in. (h) x 14.35 in. (d) x 2.5 in. (h) (397.8 mm x 364.5 mm x 64 mm)</li></ul> <ul style="list-style-type: none"><li>Magnesium structure with plastic cover</li></ul> <p><b>Weight</b></p> <ul style="list-style-type: none"><li>12 lbs. to 14.5 lbs. (5.5 kg to 6.6 kg)</li></ul>	<p><b>Power</b></p> <ul style="list-style-type: none"><li>Parallel Resonance Switching technology</li> <li>100V to 240V, 47 Hz to 63 Hz self-adapting</li> <li>150W, 2.5A maximum</li></ul> <p><b>Operating Environment</b></p> <ul style="list-style-type: none"><li>Ambient temperature: 32°F to 104°F (0°C to 40°C)</li></ul>	<ul style="list-style-type: none"><li>Relative humidity: 10% to 90%</li> <li>Altitude: 0 to 15,000 ft. (0 to 4,572 m)</li></ul> <p><b>Regulations</b></p> <ul style="list-style-type: none"><li>UL478, CSA220, and IEC950 (EN60950) product safety requirements</li> <li>FCC Class A, VCCI Class 1, CISPR-22 Class A (EN550022) EMI requirements</li></ul>

<b>400 dpi Laser Printer Specifications</b>	<p><b>Paper</b></p> <ul style="list-style-type: none"><li>150-sheet paper cassette</li> <li>Adjustable width for A4, letter-size, and envelopes</li></ul> <p><b>Auto and manual feed</b></p> <ul style="list-style-type: none"><li>Straight paper path</li> <li>50-sheet output tray</li></ul> <p><b>Dimensions</b></p> <ul style="list-style-type: none"><li>7 in. (h) x 14.3 in. (w) x 16.7 in. (d) (180 mm x 363 mm x 423 mm)</li> <li>32.3 in. (w) (820 mm) with paper trays</li> <li>38 lbs. (17 kg)</li></ul>	<p><b>Power</b></p> <ul style="list-style-type: none"><li>115/220V switchable power supply</li> <li>110W at 115V in standby mode</li> <li>640W, 5A at 115V peak power while printing</li></ul> <p><b>Environment</b></p> <ul style="list-style-type: none"><li>Ambient temperature: 50°F to 90°F (10°C to 32°C)</li> <li>Relative humidity: 10% to 80%</li> <li>Altitude: 0 to 8,000 ft. (0 to 2,438 m)</li></ul>	<p><b>Regulations</b></p> <ul style="list-style-type: none"><li>UL478, CSA 220, and IEC950 (EN60950) product safety requirements</li> <li>FCC Class A, VCCI Class 1, CISPR-22 Class A (EN550022) EMI requirements</li> <li>Conforms with CDRH radiation performance standard, 21 CFR Chapter 1, Subchapter J</li></ul>
<b>NeXTstation</b>			
<b>NeXTstation Board</b>	<p><b>Processors</b></p> <p>Motorola 68040 25 MHz CPU</p> <ul style="list-style-type: none"><li>Integrated Memory Management Unit</li> <li>Integrated Floating-Point Unit</li> <li>Integrated instruction/data caches</li></ul> <p>Motorola 56001 25 MHz Digital Signal Processor</p>	<p>Integrated Channel Processor</p> <ul style="list-style-type: none"><li>8 DMA channels</li> <li>32 MB/sec bandwidth</li></ul> <p><b>Performance</b></p> <ul style="list-style-type: none"><li>15 Dhrystone MIPS</li> <li>2 MFLOPS DP LINPACK</li></ul> <p><b>Memory</b></p> <p>Main Memory</p> <ul style="list-style-type: none"><li>8 MB to 32 MB of main memory</li></ul>	<ul style="list-style-type: none"><li>Optional main memory parity checking</li> <li>Expandable using DRAM SIMM modules</li></ul> <p>DSP Static Memory</p> <ul style="list-style-type: none"><li>24 KB DSP static RAM</li> <li>Expandable up to 576 KB using an SRAM SIMM module</li></ul>
<b>Mass Storage*</b>	<p><b>3.5-inch Floppy Disk Drive</b></p> <ul style="list-style-type: none"><li>2.88 MB formatted capacity using ED (extended density) disks</li> <li>3.5-inch third-height form factor</li> <li>Compatible with 1.44 MB and 720 KB DOS-formatted disks</li></ul> <p><b>105 MB Hard Disk Drive</b></p> <ul style="list-style-type: none"><li>3.5-inch half-height form factor</li></ul>	<ul style="list-style-type: none"><li>105 MB formatted capacity</li> <li>17 ms average seek time</li> <li>4.0 MB/sec maximum transfer rate (synchronous)</li> <li>Software Release 2.0 preinstalled on disk</li></ul> <p><b>340 MB Hard Disk Drive (optional)</b></p> <ul style="list-style-type: none"><li>3.5-inch half-height form factor</li></ul>	<ul style="list-style-type: none"><li>340 MB formatted capacity</li> <li>15 ms average seek time</li> <li>8.0 MB/sec maximum transfer rate (synchronous)</li> <li>Software Release 2.0 Extended preinstalled on disk</li></ul> <ul style="list-style-type: none"><li>All options listed here are internal storage devices.</li></ul>
<b>MegaPixel Display</b>	<p><b>Display</b></p> <ul style="list-style-type: none"><li>17-inch display</li> <li>1120 x 832 resolution at 2 bits/pixel</li> <li>68 Hz refresh rate, noninterlaced</li> <li>92 dots per inch</li> <li>Integrated microphone and speaker</li> <li>CD-quality stereo sound via line-outs and headphone jack</li></ul>	<p>Dimensions</p> <ul style="list-style-type: none"><li>17.3 in. (h) x 16 in. (w) x 14 in. (d) (440 mm x 408 mm x 354 mm)</li></ul> <p>Weight</p> <ul style="list-style-type: none"><li>33 lbs (15 kg)</li></ul>	<p><b>Keyboard</b></p> <ul style="list-style-type: none"><li>84 keys, including: cursor keys, numeric pad, monitor brightness, sound volume, and power on/off</li></ul> <p><b>Mouse</b></p> <ul style="list-style-type: none"><li>Two-button opto-mechanical mouse</li></ul>
<b>Communications and Interfaces</b>	Thin Ethernet, IEEE 802.3a-compatible at 10 Mbit/sec <p>Twisted-pair Ethernet, 10BaseT-compatible at 10 Mbit/sec</p>	Two RS-423 serial ports <p>SCSI-2 connector with transfer rate of 4.8 MB/sec (burst rate)</p>	Laser Printer port (for NeXT 400 dpi Laser Printer) <p>Digital Signal Processor port</p> <p>MegaPixel Display port</p>
<b>Other Specifications</b>	<p><b>Dimensions</b></p> <ul style="list-style-type: none"><li>15.66 in. (h) x 14.35 in. (w) x 2.5 in. (d) (397.8 mm x 364.5 mm x 64 mm)</li></ul> <ul style="list-style-type: none"><li>Magnesium structure with plastic cover</li></ul> <p><b>Weight</b></p> <ul style="list-style-type: none"><li>12 lbs. to 14.5 lbs. (5.5 kg to 6.6 kg)</li></ul>	<p><b>Power</b></p> <ul style="list-style-type: none"><li>Parallel Resonance Switching technology</li> <li>100V to 240V, 47 Hz to 63 Hz self-adapting</li> <li>150W, 2.5A maximum</li></ul> <p><b>Operating Environment</b></p> <ul style="list-style-type: none"><li>Ambient temperature: 32°F to 104°F (0°C to 40°C)</li></ul>	<ul style="list-style-type: none"><li>Relative humidity: 10% to 90%</li> <li>Altitude: 0 to 15,000 ft. (0 to 4,572 m)</li></ul> <p><b>Regulations</b></p> <ul style="list-style-type: none"><li>UL478, CSA 220, and IEC950 (EN60950) product safety requirements</li> <li>FCC Class A, VCCI Class 1, CISPR-22 Class A (EN550022) EMI requirements</li></ul>

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