THE NeXT PRODUCT FAMILY

Specifications

What makes a NeXT computer a NeXT computer?

DMA architecture.
NeXT computers have been built to handle even the most complex tasks efficiently. Rather than basing them on traditional PC or workstation architectures, NeXT 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®.
NeXTstep is both a development environment and graphical user interface. As a development environment, NeXTstep makes it possible for people to design applications with a graphical user interface more quickly. As a user interface, NeXTstep makes it easy for people to learn to use a NeXT computer.

UNIX®.
NeXT computers run the UNIX operating system, which offers true multitasking and powerful networking capabilities.

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

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

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 exchange data with other computers. And it can do all of this in the background because this drive takes advantage of NeXT's DMA architecture.

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.
Every NeXT computer features a SCSI 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 colour MegaPixel Displays are some of the clearest around. They offer plenty of space on the screen, so you can view multiple applications at once.

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 stand-alone 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. All of these technologies help the NeXTstation to provide 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 pre-installed with NeXT system software. If you need more storage, you can opt for either a 200 MB or a 400 MB hard disk instead.

NeXTstation Colour

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

In addition to the same core technologies that make NeXTstation an exceptional computer, the NeXTstation Colour computer has 1.5 MB of dedicated video memory. This lets it display 4096 colours simultaneously on NeXT MegaPixel Colour Displays. The NeXT MegaPixel Colour Displays measure either 17 or 21 inches diagonally and can be used with all NeXT colour systems. They have resolutions of 1120 (h) x 832 (v). The NeXTstation Colour computer has been engineered to handle the demands of today's—and tomorrow's—true colour-applications. It can be configured with 12 MB to 32 MB of memory.

NeXTcube

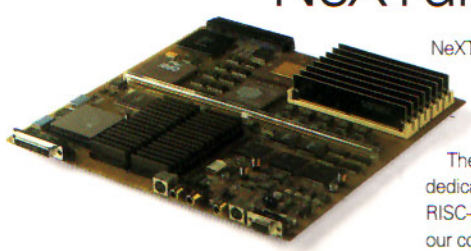
The NeXTcube™ computer is the expandable NeXT computer for people who need maximum configuration flexibility in mass storage and memory. It can also be used as a server on a network.

The NeXTcube offers a tremendous amount of power and performance—all in a one-foot magnesium cube. It uses the powerful Motorola 68040 CPU and Motorola 56001 DSP. As your needs change, you can add more memory. You can also add as many as three boards to the NeXTcube, simply by plugging them into the NeXTbus™. For instance, you might consider adding a NeXTdimension™ colour board.

NeXT 400 dpi Laser Printer

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, 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 colour board that gives the NeXTcube state-of-the-art colour capabilities. NeXTdimension was designed for people who want the most advanced colour 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-colour display capability; a 64-bit RISC-based dedicated graphics coprocessor; and video capture, display, and playback—all on one board. Its Intel i860 RISC-based microprocessor, operating at 33 MHz, runs full-colour PostScript and has been optimized for our coprocessing environment, increasing drawing speed by as much as eight to twelve times.

NeXTstation

Motorola 68040 CPU
The NeXTstation uses the powerful Motorola 68040 CPU, which 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, so it doesn't take up additional space on your desk.

NeXTstation

NeXTstation Board

Processors
Motorola 68040 25 MHz CPU
- Integrated Memory Management Unit
- Integrated Floating-Point Unit
- Integrated instruction/data caches

Motorola 56001 25 MHz Digital Signal Processor

Integrated Channel Processor
- 8 DMA channels
- 32 MB/sec bandwidth

Performance
- 15 Dhrystone MIPS
- 2 MFLOPS DP LINPACK

Memory
Main Memory
- 8 MB to 32 MB of main memory
- Optional main memory parity checking
- Expandable using DRAM SIMM modules

DSP Static Memory
- 24 KB DSP static RAM
- Expandable to 576 KB using an SRAM SIMM module

Mass Storage*

3.5-inch Floppy Disk Drive
- 2.88 MB formatted capacity using ED (extended density) disks
- 3.5-inch third-height form factor
- Compatible with 1.44 MB and 720 KB DOS-formatted disks

105 MB Hard Disk Drive
- 3.5-inch third-height form factor
- 105 MB formatted capacity
- 17 ms average seek time
- 4.0 MB/sec maximum transfer rate (synchronous)
- Software Release 2 pre-installed on disk

200 MB Hard Disk Drive (optional)
- 3.5-inch half-height form factor
- 200 MB formatted capacity
- 15 ms average seek time
- 4.0 MB/sec maximum transfer rate (synchronous)
- Software Release 2 pre-installed on disk

400 MB Hard Disk Drive (optional)
- 3.5-inch half-height form factor
- 406 MB formatted capacity
- 13 ms average seek time
- 4.0 MB/sec maximum transfer rate (synchronous)
- Software Release 2 Extended pre-installed on disk

**All options listed are internal storage devices.*

MegaPixel Display, Keyboard, and Mouse

Display
- 17-inch monochrome display
- 1120 x 832 resolution at 2 bits/pixel
- 68 Hz refresh rate, non-interlaced
- 92 dots per inch
- Integrated microphone and speaker
- CD-quality stereo sound via line-outs and headphone jack

Dimensions
- 17.3 in. (h) x 16 in. (w) x 14 in. (d) (440 mm x 408 mm x 354 mm)

Weight
- 33 lbs (15 kg)

Keyboard
- 84 keys, including cursor keys, numeric pad, monitor brightness, sound volume, and power on/off

Mouse
- Two-button opto-mechanical mouse

Communications and Interfaces

- Thin Ethernet, IEEE 802.3a-compatible at 10 Mbit/sec
- Twisted-pair Ethernet, 10BaseT-compatible at 10 Mbit/sec
- Two RS-423 serial ports
- SCSI-2 connector with transfer rate of 4.8 MB/sec (burst rate)
- Laser Printer port (for NeXT 400 dpi Laser Printer)
- Digital Signal Processor port
- MegaPixel Display port

Other Specifications

Dimensions
- 15.66 in. (h) x 14.35 in. (w) x 2.5 in. (d) (397.8 mm x 364.5 mm x 64 mm)
- Magnesium structure with plastic cover

Weight
- 12 lbs. to 14.5 lbs. (5.5 kg to 6.6 kg)

Power
- Parallel Resonance Switching technology
- 100V to 240V, 47 Hz to 63 Hz self-adapting
- 150W, 2.5A 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 Colour

16-bits-per-pixel colour
The NeXTstation Colour computer can display 4096 colours simultaneously, letting you create images of near-photographic quality. This system automatically dithers 32 bit images to 16 bits. Most users will be unable to distinguish between a 16 bit image displayed and a 32 bit image.

MegaPixel Colour Displays
These displays let you view a full page of your work in breathtaking colour. And there's plenty of extra room for menus, icons, and tools.

Colour PostScript
Software applications written for a monochrome NeXT computer will also run on a colour NeXT computer, and vice versa. In addition, colour PostScript® lets you print to colour printers, slidemakers, and imagesetters.

Built-in Ethernet
High-performance Ethernet allows you to share large sound files and colour images over a network.

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 Colour Display, so it doesn't take up additional space on your desk.

NeXTstation Colour

NeXTstation Colour Board

Processors
Motorola 68040 25 MHz CPU
- Integrated Memory Management Unit
- Integrated Floating-Point Unit
- Integrated instruction/data caches

Motorola 56001 25 MHz Digital Signal Processor

Integrated Channel Processor
- 8 DMA channels
- 40 MB/sec bandwidth

Performance
- 15 Dhrystone MIPS
- 2 MFLOPS DP LINPACK

Memory
Main Memory
- 12 MB to 32 MB of main memory (interleaved)
- Optional main memory parity checking
- Expandable using DRAM SIMM modules

Display Memory
- 1.5 MB VRAM
- 16 bits/pixel colour
- Includes 4 bits/pixel alpha channel
- 4096 simultaneously displayable colours

DSP Static Memory
- 24 KB of DSP static RAM
- Expandable up to 576 KB using an SRAM SIMM module

Mass Storage*

3.5-inch Floppy Disk Drive
- 2.88 MB formatted capacity using ED (extended density) disks
- 3.5-inch third-height form factor
- Compatible with 1.44 MB and 720 KB DOS-formatted disks

105 MB Hard Disk Drive
- 3.5-inch third-height form factor
- 105 MB formatted capacity
- 17 ms average seek time
- 4.0 MB/sec maximum transfer rate (synchronous)
- Software Release 2 pre-installed on disk

200 MB Hard Disk Drive (optional)
- 3.5-inch half-height form factor
- 200 MB formatted capacity
- 15 ms average seek time
- 4.0 MB/sec maximum transfer rate (synchronous)
- Software Release 2 pre-installed on disk

400 MB Hard Disk Drive (optional)
- 3.5-inch half-height form factor
- 406 MB formatted capacity
- 13 ms average seek time
- 4.0 MB/sec maximum transfer rate (synchronous)
- Software Release 2 Extended pre-installed on disk

**All options listed are internal storage devices.*

MegaPixel Colour Displays, Keyboard, Mouse and Sound Box

MegaPixel 17" Colour Display
- 16-inch viewable (true flat square)
- 1120 x 832 resolution at 92 dpi
- 68 Hz refresh rate, non interlaced
- 0.26 mm dot pitch
- Silica anti-reflecting coating
- Tilt and swivel stand

Dimensions
- 15.6 in. (h) x 16.1 in. (w) x 18.1 in. (d) (397 mm x 408 mm x 460 mm)

Weight
- 50.6 lbs. (23 kg)

Connector
- 13W3-style triple-coaxial

Power Requirement
- 90-135/180-270 VAC switchable
- 150W maximum

Regulations
- FCC Class a, VCCI Class 1,VDE 0871 Class A, CISPR 22 Class A
- UL 478, CSA C22.2 #220-M1986, IEC 950, DHHS

MegaPixel 21" Colour Display
- 20-inch viewable (true flat square)
- 1120 x 832 resolution at 75 dpi
- 68 Hz refresh rate, non-interlaced
- 0.28 mm dot pitch
- Bonded anti-reflection panel
- Tilt and swivel stand

Dimensions
- 18.4 in. (h) x 18.9 in. (w) x 20.35 in. (d) (476 mm x 480 mm x 517 mm)

Weight
- 75.9 lbs. (34.5 kg)

Connector
- 13W3-style triple coaxial

Power Requirement
- 90-135/180-270 VAC switchable
- 150W maximum

Regulations
- FCC Class A, VCCI Class 1,VDE 0871 Class A, CISPR 22 Class A
- UL 478, CSA C22.2 #220-M1986, IEC 380, DHHS

Keyboard
- 84 keys, including: cursor keys, numeric pad, monitor brightness, sound volume, and power on/off

Mouse
- Two-button opto-mechanical mouse

Sound Box
- Integrated monophonic speaker and microphone
- Headphone and RCA-style stereo output jacks
- NeXT keyboard and mouse interface

Communications and Interfaces

- Thin Ethernet, IEEE 802.3a-compatible at 10 Mbit/sec
- Twisted-pair Ethernet, 10BaseT-compatible at 10 Mbit/sec
- Two RS-423 serial ports
- SCSI-2 connector with transfer rate of 4.8 MB/sec (burst rate)
- Laser Printer port (for NeXT 400 dpi Laser Printer)
- Digital Signal Processor port
- MegaPixel Colour Display port

Other Specifications

Dimensions
- 15.66 in. (w) x 14.35 in. (d) x 2.5 in. (h) (397.8 mm x 364.5 mm x 64 mm)
- Magnesium structure with plastic cover

Weight
- 12 lbs. to 14.5 lbs. (5.5 kg to 6.6 kg)

Power
- Parallel Resonance Switching technology
- 100V to 240V, 47 Hz to 63 Hz selfadapting
- 150W, 2.5A maximum

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)

NeXTcube

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
Several storage options are available—a 2.88 MB floppy disk drive; a 256 MB optical disk drive; a CD-ROM drive; and 105 MB, 200 MB, 400 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 colour board, which allows you to 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.

NeXTcube

NeXTcube Board

Processors
Motorola 68040 25 MHz CPU
- Integrated Memory Management Unit
- Integrated Floating-Point Unit
- Integrated instruction/data caches

Motorola 56001 25 MHz Digital Signal Processor

Integrated Channel Processor
- 9 DMA channels
- 40 MB/sec bandwidth

Performance
- 15 Dhrystone MIPS
- 2 MFLOPS DP LINPACK

Memory
Main Memory
- 8 MB to 64 MB of main memory
- Optional main memory parity checking
- Expandable using DRAM SIMM modules

DSP Static Memory
- 24 KB of DSP static RAM
- Expandable up to 576 KB using an SRAM SIMM module

Mass Storage Options*

3.5-inch Floppy Disk Drive
- 2.88 MB formatted capacity using ED (extended density) floppy disks
- 3.5-inch third-height form factor
- Compatible with 1.44 MB and 720 KB DOS-formatted disks

105 MB Hard Disk Drive
- 3.5-inch third-height form factor
- 105 MB formatted capacity
- 17 ms average seek time
- 4.0 MB/sec maximum transfer rate
- Software Release 2 pre-installed on disk

200 MB Hard Disk Drive
- 3.5-inch half-height form factor
- 200 MB formatted capacity
- 15 ms average seek rate
- 4.0 MB/sec maximum transfer rate (synchronous)
- Software Release 2 pre-installed on disk

400 MB Hard Disk Drive
- 3.5-inch half-height form factor
- 406 MB formatted capacity
- 13 ms average seek rate
- 4.0 MB/sec maximum transfer rate (synchronous)
- Software Release 2 Extended pre-installed on disk

660 MB Hard Disk Drive
- 5.25-inch full-height form factor
- 660 MB formatted capacity
- 16.5 ms average seek rate
- 2.5 MB/sec raw burst transfer rate
- 1.6 MB/sec sustained transfer rate
- Software Release 2 Extended pre-installed on disk

1.4 GB Hard Disk Drive
- 5.25-inch full-height form factor
- 1.4 GB formatted capacity
- 13 ms average seek rate
- 4 MB/sec maximum transfer rate
- Software Release 2 Extended pre-installed on disk

256 MB Optical Disk Drive
- 5.25-inch full-height form factor
- 256 MB capacity read/write/erasable
- 92 ms average seek time
- Magneto-optical technology

CD-ROM Drive
- 5.25-inch half-height form factor
- 540 MB capacity
- ISO 9660 standard format
- 1.5 MB/sec. maximum transfer rate

All options listed are internal storage devices.

MegaPixel Display, Keyboard, and Mouse

Display
- 17-inch monochrome display
- 1120 x 832 resolution at 2 bits/pixel
- 68 Hz refresh rate, noninterlaced
- 92 dots per inch
- Integrated microphone and speaker
- CD-quality stereo sound via line-outs and headphone jack

Dimensions
- 17.3 in. (h) x 16 in. (w) x 14 in. (d) (440 mm x 408 mm x 354 mm)

Weight
- 33 lbs (15 kg)

Keyboard
- 84 keys, including cursor keys, numeric pad, monitor brightness, sound volume, and power on/off

Mouse
- Two-button opto-mechanical mouse

Communications and Interfaces

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

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)

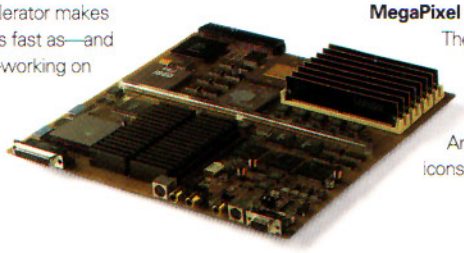
Operating environment
- Ambient temperature: 32°F to 104°F (0°C to 40°C)
- Relative humidity: 10% to 90%
- Altitude: 0 to 15,000 ft. (0 to 4,572 m)

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

NeXTdimension

32-bits-per-pixel colour
NeXTdimension offers 16.7 million colours to choose from, so images on the screen have a photographic realism, with colour, depth, and clarity.

Accelerated graphics
The Intel i860 graphics accelerator makes working with 32-bit colour 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.

MegaPixel Colour Displays
The large, clear MegaPixel Colour Displays —that measure either 17 or 21 inches diagonally—let you view a full page of your work in breathtaking colour. And there's plenty of extra room for menus, icons, and tools.

NeXTdimension

NeXTdimension board

Graphics Processor
- Intel i860 33 MHz RISC processor

Memory
Main Memory
- 8 MB to 32 MB of main memory
- Expandable using 72-pin DRAM SIMM modules

Display Memory
- 4 MB VRAM
- 32 bits/pixel colour, including 8 bits/pixel alpha channel
- Supports double-buffered 16 bits/pixel windows

Display Resolution
- 1120 x 832 pixels

Display Output
- 13W3 triple-coaxial

Video

Video Compatibility
- NTSC video input and output channels (PAL option)
- Video output genlocked to input video source
- Closed-caption, TeleText, VITC support

Video Inputs:
- One S-Video using standard DIN-style 4-pin jack
- Two composite video using RCA®-style jack
- Software-selectable

Video Outputs:
- One S-Video using standard DIN-style 4-pin jack
- One composite video using RCA-style jack
- One RGB video using 9-pin D-shell with EGA pinout

MegaPixel Colour Displays, Keyboard, Mouse, and Sound Box

MegaPixel 17" Colour Display
- 16-inch viewable (true flat square)
- 1120 x 832 resolution at 92 dpi
- 68 Hz refresh rate, non-interlaced
- 0.26 mm dot pitch
- Silica anti-reflection coating
- Tilt and swivel stand

Dimensions
- 15.6 in. (h) x 16.1 in. (w) x 18.1 in. (d) (397 mm x 408 mm x 460 mm)

Weight
- 50.6 lbs. (23 kg)

Connector
- 13W3-style triple-coaxial

Power Requirement
- 90-135/180-270 VAC switchable
- 150W maximum

Regulations
- FCC Class A, VCCI Class 1, VDE 0871 Class A, CISPR 22 Class A
- UL 478, CSA C22.2 #220-M1986, IEC 950, DHHS

MegaPixel 21" Colour Display
- 20-inch viewable (true flat square)
- 1120 x 832 resolution at 75 dpi
- 68 Hz refresh rate, non-interlaced
- 0.28 mm dot pitch
- Bonded anti-reflection panel
- Tilt and swivel stand

Dimensions
- 18.4 in. (h) x 18.9 in. (w) x 20.35 in. (d) (476 mm x 480 mm x 517 mm)

Weight
- 75.9 lbs. (34.5 kg)

Connector
- 13W3-style triple-coaxial

Power Requirement
- 90-135/180-270 VAC switchable
- 150W maximum

Regulations
- FCC Class A, VCCI Class 1, VDE 0871 Class A, CISPR 22 Class A
- UL 478, CSA C22.2 #220-M1986, IEC 380, DHHS

Keyboard
- 84 keys, including cursor keys, numeric pad, monitor brightness, sound volume, and power on/off

Mouse
- Two-button opto-mechanical mouse

Sound Box
- Integrated monophonic speaker and microphone
- Headphone and RCA-style stereo output jacks
- NeXT keyboard and mouse interface

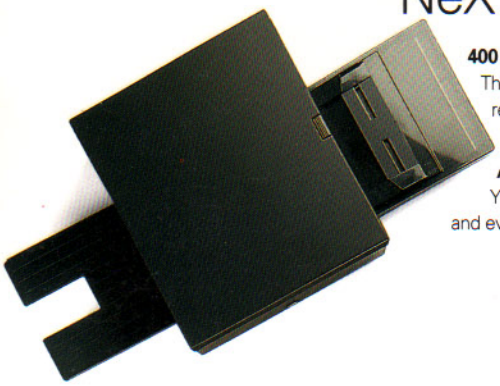
Other NeXTdimension Specifications

System Compatibility
- NeXTcube computer via NeXTbus

Power Requirements
25W

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)

NeXT 400 dpi Laser Printer



400 dpi resolution
The NeXT Laser Printer 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.

Power and affordability
Although it's priced as a personal printer, it's more than powerful enough to be shared on a network.

NeXT 400 dpi Laser Printer

Resolution and Speed
- 300/400 dots per inch (software-selectable)
- 8 pages per minute
- High-speed serial interface

Duty Cycle
- No monthly page limit
- 300,000-page life expectancy
- Uses standard EPS toner cartridge

Paper
- 150-sheet paper cassette
- Adjustable width for A4, letter-size, and envelopes

Auto and manual feed
- Straight paper path
- 50-sheet output tray

Dimensions
- 7 in. (h) x 14.3 in. (w) x 16.7 in. (d) (180 mm x 363 mm x 423 mm)
- 32.3 in. (w) (820 mm) with paper trays

Weight
- 38 lbs. (17 kg)

Power
- 115/220V switchable power supply
- 110W at 115V in standby mode
- 640W, 5A at 115V peak power while printing

Operating environment
- Ambient temperature: 50°F to 90°F (10°C to 32°C)
- Relative humidity: 10% to 80%
- Altitude: 0 to 8,000 ft. (0 to 2,438 m)

Regulations
- UL478, CSA 220, and IEC950 (EN60950) product safety requirements
- FCC Class A, VCCI Class 1, CISPR-22 Class A (EN550022) EMI requirements
- Conforms with CDRH radiation performance standard, 21 CFR Chapter 1, Subchapter J

Software

Bundled Software

Release 2 includes:

End User Applications
- Workspace Manager™
- NeXTmail™
- FaxReader
- Preferences
- Preview for PostScript
- Digital Librarian™

System Administration Applications
- BuildDisk
- BuildDOS
- Mail Manager
- NetInfoManager
- NetManager
- PrinterTester
- UserManager
- Installer
- PrintManager

End User Applications
- Digital Webster™ Webster's Ninth New Collegiate Dictionary and Webster's Collegiate® Thesaurus
- DataViz/Bridge™

Developer Tools
- VT100™ Terminal Emulator
- Edit

Software Release 2 Extended also includes:

End User Applications
- Oxford® Dictionary of Quotations
- William Shakespeare, The Complete Works
- TEX™ Document Processing System (Radical Eye Software)

Developer Tools
- Interface Builder™
- The NeXT Compiler for the Objective-C® Language
- C++ Language Compiler
- Objective-C Class Definitions
- 56001 DSP Tools
- GNU Emacs
- GNU Debugger
- BUG-56™ Debugger (Ariel)
- Malloc Debugger
- AppInspector™
- PostScript Tools
- Application Kit™
- Music Kit™
- Sound Kit™
- On-line technical Documentation