FEATURES AND BENEFITS

Motorola 68040	Combined central processing (CPU), floating-point (FPU) and paged memory management (PMMU) units with 8 kilobytes of on-chip cache memory.	A highly integrated microprocessor providing excellent computing performance, high data transfer rate, and exceptional reliability.
16-bit-per-pixel color		NeXTstation Color computers can display 4,096 colors simultaneously, with real-time software dithering of 32-bit images, letting you create images of near-photographic quality.
NeXT-designed ICs	Memory controller	Supports up to 128 MB of fast, interleaved RAM, with prefetching.
	Peripheral controller	Supports off-loading of all seven DMA peripheral channels from the main processor, and is capable of running at 50 MB per second.
Motorola 56001 DSP		Provides fast processing of large matrix calculations—used for generating CD-quality sound, music, speech, and tone detection.
MegaPixel Color Display	1120 x 832 resolution with 92 dpi	The 17-inch or 21-inch color displays let you view sharp, clear text and graphics as well as breathtaking color images, with enough space for running multiple applications simultaneously.
Eight built-in ports	SCSI	Support of up to seven SCSI peripherals.
	Two RS-423 serial ports	Allows NeXTstations to be tailored to meet your needs with popular serial-based peripherals such as fax and data modems without using expansion slots.
	DSP I/O port	Supports direct I/O access to the DSP.
	Display port	Provides connection to built-in video.
	Laser printer port	Allows direct connection to NeXT's 400 dpi Laser Printer.
	Two Ethernet (twisted and thin) ports	Provides easy connection to virtually any Ethernet network without having to purchase additional cards or adaptors.
Built-in sound I/O		Allows voice input to applications with sound-handling capabilities and provides dual channel CD-quality output.
NeXT 2.88 MB floppy disk drive		2.88 MB of storage space using extended density (ED) disks, as well as 720 KB and 1.44 MB disks.
		Allows for convenient transfer of data files between Macintosh,® OS/2,® and MS-DOS.®
16 MB on-board RAM	4 high-speed SIMM memory sockets expandable to 128 MB	Supports 16 and 32 MB SIMMs in two-SIMM increments.
		When denser chips (16 MB) become available, NeXTstations can be upgraded up to 128 MB.
Optional parity support		Parity memory checking is available when optional parity RAM is installed.
NeXTstep™		UNIX®based operating environment optimized for multitasking and networking.
		Offers superior graphical user interface and development environment, with the only object-oriented system software available on the market today.