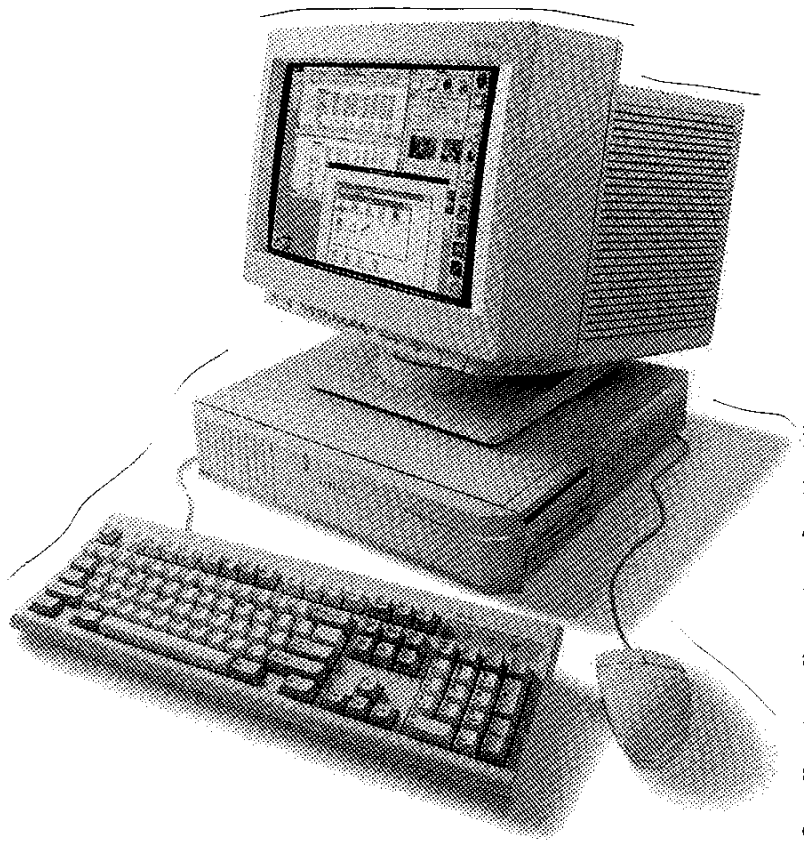
Canon object.station 41 SPECIFICATIONS

The Canon object.station 41 is the only Intel 486DX4 based personal workstation designed to run NEXTSTEP. It's got video performance that's dramatically faster than any other product in its class--ideal for the demands of object oriented computing.

The most powerful 486-based solution for NEXTSTEP: the Canon® object.station 41 personal workstation. It's built around the 100Mhz Intel 486DX4 processor, upgradeable to Pentium. It sets new standards for video performance, driven by Canon's proprietary video sub-system that knows the dif-ference between MS-DOS®, Windows™ and NEXTSTEP™.



Everything you need is here. NEXTSTEP and Insignia's® SoftPC® are pre-installed. A SCSI controller and Ethernet are already on board. You get four open expansion slots. There's CD-quality audio, a built-in microphone, speaker and an optional integrated CD-ROM player. Even NeXT®-specific keycaps and keyboard controls for audio volume and monitor brightness.

STANDARD FEATURES

PROCESSOR
Intel 486DX4/100 upgradeable to Intel Pentium OverDrive Microprocessor

UPGRADABILITY
Allows upgrade of processor and memory

GRAPHICS
Canon Proprietary Video Architecture
2-MB VRAM standard
-1280x1024 with 16-bit color and 72 Hz max vertical refresh rate
-1152x900 with 4,000 colors with 16-bit color and 82 Hz max vertical refresh rate
-1120x832 with 16-bit color and 90 Hz max vertical refresh rate
-1024x768 with 16-bit color and 98Hz max vertical refresh rate-
-800x600 with 32-bit color and 110Hz max vertical refresh rate
-640x480 with 32-bit color and 110Hz max vertical refresh rate

INTEGRATED AUDIO
Integrated CD-quality audio (16-bit, 44Khz stereo), speaker, microphone and software that allows voice annotation, voice recognition, and audible proofing. Sound blaster capability

INTEGRATED LOCAL NETWORK INTERFACE CONTROLLER
32-bit Ethernet controller located on VL bus. Bus Mastering capabilities, jumperless and switchless setup, and RJ-45 connector.

INTEGRATED VL FAST SCSI-2 CONTROLLER
32-bit Fast SCSI-2 controller located on VL bus.
Up to 10 MB per second data transfer rate.

ADVANCED ERGONOMIC DESIGN
High video refresh rate
Slim-line chassis with side-entry removeable media
Noise Reduction System

MEMORY
16MB RAM expandable to 96MB via industry standard 72-pin SIMM modules

ARCHITECTURE
VL Bus and Industry Standard Architecture (ISA)

INTERNAL EXPANSION SLOTS
Three ISA expansion slots
One VL/ISA (typically used for SCSI controller)

INTERFACES
Fast-SCSI-2; RJ-45 (for Ethernet); parallel; two serial; standard keyboard and pointing device (mouse) connectors. External jacks for video, headphone, microphones, stereo speakers, and auxiliary multi-media devices.

TOTAL STORAGE CAPACITY
One 5.25-inch half-height user accessible drive bay.
One 3.5-inch third-height user accessible drive bay dedicated to floppy
Two 3.5-inch third-height or one 3.5-inch half-height internal drive bay

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DISKETTE DRIVE
One 3-1/2-inch 1.44-MB diskette drive standard on all models

CACHE
16-Kbyte internal cache, write-through cache.
256-Kbyte external cache, write-through cache.

ENERGY SAVING FEATURES
Intelligent energy saver mode for monitor

KEYBOARD
Canon keyboard with NeXT-specific keycaps, controls for audio volume and monitor brightness

POINTING DEVICE
Canon PS/2-style mouse standard

ACOUSTICS AND THERMAL MANAGEMENT
Incorporates new multi-fan system to enable a quieter system operation while maximizing component cooling

SECURITY
Power-on password

POWER SUPPLY
AC voltage: 95-130VAC, or 180-270 VAC
Frequency: 50Hz to 60Hz
180 watts steady state output

PREINSTALLED SOFTWARE
NEXTSTEP for Intel Processors, user license (includes CD-ROM and documentation)
Insignia's SoftPC Demo

SERVICEABILITY
Easy access system design via thumb screws
No special tools required

SERVICE AND SUPPORT
Canon provides a wide range of service offerings including a 1-year limited warranty with on-site service; toll-free 7 x 24 technical phone support; access to Canon FactsLine for faxed document retrieval

OPTIONS

PROCESSOR
Pentium Upgrade Kit

MEMORY
16-MB Memory Kit

PREINSTALLED SOFTWARE
NEXTSTEP Developer (includes CD-ROM and documentation)
Microsoft DOS
Microsoft Windows

STORAGE DEVICES
500-MB Fast-SCSI-2 Internal Hard Drive
1-GB Fast-SCSI-2 Internal Hard Drive
Double-Spin Internal CD-ROM Drive

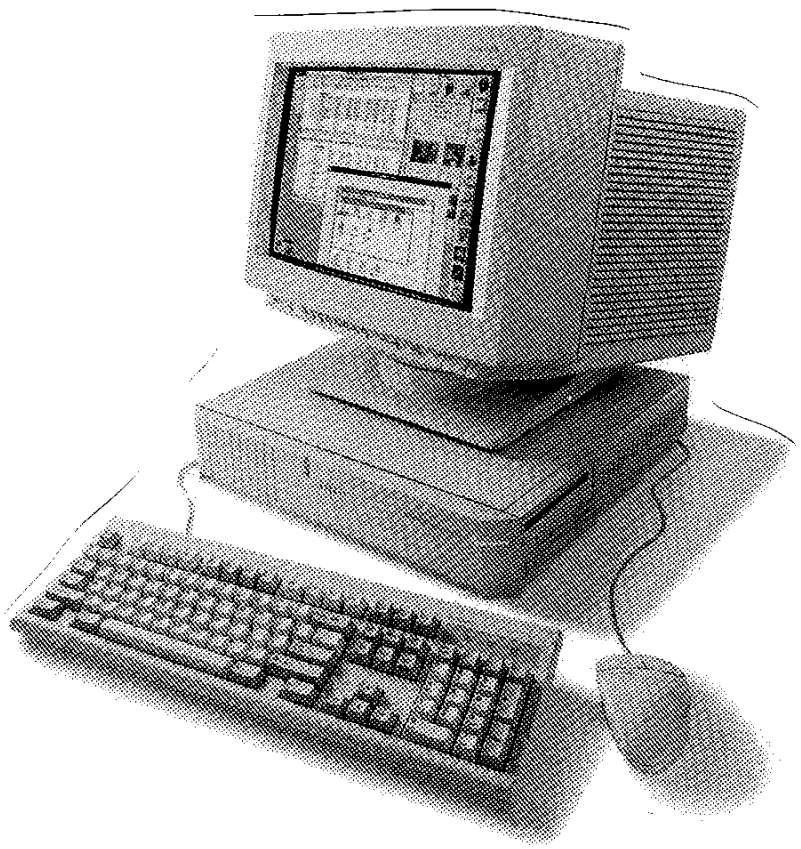
MONITORS
17-inch Color Monitor, .26mm dot pitch, Low Emissions (MPR II compliant)
21-inch Color Monitor, .28mm dot pitch, Low Emissions (MPR II compliant)

INTRODUCING THE CANON® object.station THE FIRST INTEL-BASED PERSONAL WORKSTATION TO BE DESIGNED, FROM THE GROUND UP, TO RUN NEXTSTEP.™

A NEED FOR SPEED

Object-oriented computing insists on robust video performance. So the Canon object.station was engineered to deliver, with video that's dramatically faster than any other 486 machine in its class running NEXTSTEP. It's even faster than current Pentium technology. All at the full, native NEXTSTEP resolution of 1120 x 832, and beyond.

It's possible because of a proprietary, Canon-engineered video sub-system that knows the difference between MS-DOS,® Windows™ and NEXTSTEP. It's able to custom-route video, speed optimizing it for the appropriate operating system.



Faster video, however, does not mean slower speeds elsewhere. Canon's engineering team carefully balanced system architecture, making absolutely sure that there was no compromise in audio, LAN or SCSI performance.

IT'S DÉJÀ VU, ALL OVER AGAIN

There's a lot about the Canon object.station that will seem familiar to folks who fondly recall the original NeXTstation™. Touches like CD-quality audio, with a built-in microphone and speaker. An optional integrated

CD-ROM player. Even keyboard conveniences like NeXT specific key caps and keyboard controls for audio volume and monitor brightness.

And we didn't forget leading-edge "NeXT® aesthetics". Sleek and stylish, the Canon object.station is a cool fusion of minimalism and advanced ergonomics. Our philosophy was to make it every bit as pretty on the outside as it is on the inside.

COMPLETE TODAY, UPGRADEABLE TOMORROW

You get everything you need with a Canon object.station, right out of the box. NEXTSTEP and Insignia Solutions'® SoftPC® are preinstalled*. A SCSI controller and Ethernet are already onboard. It comes with four open expansion slots. And there's a choice of high resolution monitors to fit your needs.

Your investment is safe for the long haul, too. Up the road, you can pop in a Pentium or other future Intel processors. And of course through NEXTSTEP you get early access to OpenStep™ , which will allow applications using its API to be portable across multiple implementations, regardless of the underlying operating system.

THE SAFE CHOICE FOR NEXTSTEP

Start with a bulletproof product so dependable, it's been NEXTSTEP Certified. Add Canon's world-class reputation for quality and reliability. Blend in one of the world's top information technology companies, Bull HN Information Systems Inc. The result: a full repertoire of integrated services designed to meet the needs of our enterprise customers. That includes experienced pros trained in NEXTSTEP to provide both hardware and software support.** Need to go beyond our standard 1-year warranty with free 7-day, 24-hour phone support? We've got the depth and flexibility to do it.We'll even tailor an enterprise-specific plan, just for you.

WE'RE IN THE SOLUTIONS BUSINESS

At Canon Computer Systems, we look well beyond making superior hardware products. It's our aim to draw on and channel the enormous talents and resources of Canon worldwide, seamlessly integrating products and know-how. And it's our aim to seek out and develop strategic third-party software and product relationships that benefit our customers.

The result: original and innovative products and services, creatively engineered and solidly supported, with the sole purpose of keeping you one step ahead of your competitors.

LET'S TALK ABOUT YOUR BUSINESS

Every enterprise is unique. One solution does not fit all. So we'd like to talk to you about your object oriented computing needs. Give us a call at [800] 349-6007 and we can listen, learn, and show you how the object.station can fit best into your operation.