

# NCD Explora 700

The Highest Performing Thin Client Device Available for Today's Power User

The Explora 700 is the world's most powerful thin client device for delivering graphically intensive UNIX and Java-based applications to the desktop.

## Highlights

- Optimized access to high-end engineering, multimedia, and Java-based applications
- A perfect UNIX workstation alternative at a significant cost savings
- The fastest graphical display performance available on a thin client
- Web browser for intranet access
- 1600x1200 resolution for high resolution requirements
- Seamless Windows, UNIX and legacy access
- Fully compliant with the NC-1 Reference Profile



Monitor, keyboard, and mouse sold separately

## Powerful, Cost-Saving Alternative to the UNIX Workstation

The Explora™ 700 network computer extends NCD's tradition of providing UNIX application access to the most complex applications and the most demanding users, while setting a new standard for flexible network computing performance on multi-environment networks. Support for virtually all UNIX host environments is provided by NCDware™, NCD's award-winning embedded operating environment.

Powered by a 64-bit, MIPS R4700 RISC processor — the Explora 700 supports high-resolution display, stereo sound, and excellent video and graphics capabilities normally associated with expensive workstations at a fraction of the cost. And it boasts the fastest X11 server currently available.

## The Complete, Java-Enabled Network Computer

The Explora 700 features a local Java Virtual Machine combined with a web browser, as well as Windows NT and legacy system access, to provide the industry's most complete network computer system. It is the ideal solution for both long-time users of X Windows terminals and new network-centric knowledge workers.

Whether it's running local Java-based applications, displaying Java applets running on a network server, or accessing a Windows or legacy application, the Explora 700 has the power and full feature set to make the most of Java-based, or other network-computing software.

## Network Multimedia

With its support for 100BaseT, wireless, 10Base2, and 10BaseT connectivity, the Explora 700 is a great device for standards-based networked multimedia. Using the powerful SoftPEG™ decoder,

NCDware's Video Player brings computer-based training and visual information delivery to life with full-motion video and synchronized audio.

And the NCDvideo API gives users the ability to customize the player or to embed it in applications they develop. The Network Audio System supports similar creativity for computer telephony and digital radio solutions.

## The Power User's Dream Come True

Engineers, software developers, designers, and technical writers — all will appreciate the Explora 700's powerful CPU and full feature set. And with additional options — including support for 17", 19" and 21" screens and flat panel displays, as well as multiple keyboards and a floppy drive — the Explora 700 has the flexibility to meet the needs of even the most exacting power user.

The power user's dream comes true with NCD's three year warranty. And to ensure continued productivity and virtually no downtime, NCD offers an additional service — the "Uplift to Overnight Exchange" program — premium overnight service, to meet your demanding requirements. NCD's standard three year warranty is the longest warranty in the thin client industry.

## The Last Word in Thin Client Devices

Combined with NCD's WinCenter™, or any other Citrix WinFrame-based server software that provides access to Windows NT applications, the Explora 700 attains its full potential. It brings the best of UNIX and Windows to the user, while simplifying security and other management tasks for system and network administrators. With its extremely high-performance support for Windows and legacy applications, Java, the web browser, UNIX, and multimedia, the Explora 700 is truly today's ultimate in flexible network computer solutions.

The Explora 700 — the last word in powerful but affordable thin client devices.

# NCD Explora 700

## Technical Specifications

### Hardware

- Architecture
  - 64-bit RISC
  - MIPS R4700 @150MHz
  - Video Coprocessor: S3 Trio64V2/DX
- Main Memory
  - 8 MB standard, expands to 256MB, (4 SIMM sockets)
- Memory Type
  - 32-bit, 60ns, EDO Memory, 72 Pin SIMMs
- Maximum resolution
  - 1600 x 1200
- Video RAM
  - 2 MB
- Type I/II PCMCIA Slot
- 4/12MB flash memory for local booting via PCMCIA (option)
- Floppy Drive (option)

### Communications

- Network Interface
  - 10/100BaseT (auto-switching)
  - 10Base2
  - Token Ring via PCMCIA\*\* (option)
- Parallel Port: Single DB25, PC compatible
- Serial Port: Single DB-9 RS232C up to 115.2K baud

### Software

- Operating System
  - NCDware™
  - Color Support: 8-bit (256 colors) 16-bit (65,536 colors) (O2 98)
- Window System
  - X11, Microsoft™ Windows NT, Windows 95, Windows 3.x applications via WinCenter
- Java Virtual Machine\*

- NCD Mosaic Web Browser\*
- Multimedia
  - SoftPEG™ MPEG-1 Decoder with Synchronized Audio\*
  - Startlight Networks' Media Transport Protocol™ (MTP)\*
  - Network Audio System
- Imaging
  - Adobe™ Display PostScript™, X Imaging Extension (XIE)\*, Document Imaging Subset (DIS) of XIE
- 3-D Graphics
  - OpenGL™\*, PEX\*
- Application Support
  - Windows, X Window System, 3270/3179G\*, TN3270, VT320
- Internet Protocols
  - TCP/IP, NFS, Telnet, DNS/BIND, X11, XDMCP, LPD, DHCP, BOOTP, RARP, ARP, SNMP, PING, TFTP
- Legacy Protocols
  - DECnet\*, LAT, TN3270\*
- ICA protocol support
- Font Service
  - Font Server, TCP/IP, DECnet\*
- Window Managers
  - NCDwm with OpenLook, MWM\*
- Convenience Features
  - AutoLock, AutoLogoff, User preferences, Local Clock
- Management Features
  - FlexLM, remote reboot, network diagnostics, remote control via SNMP and ConfigD, secure boot monitor, persistent and secure boot, fail/over support
- Peripheral Support
  - Serial and parallel printing via LPD and LAT, NFS server for floppy
- Miscellaneous Support
  - SAW Touchscreen, Color Map Management, NFS server for PC cards, Keyboard map download, Light Pen Support

### Audio

- 8-bit commercial quality stereo output via 3.5mm jack
- Built-in PC speaker

### Input Devices

- Keyboard Options (US and international versions)
  - 101-key PS/2-style, enhanced for Windows 95
  - 108-key DEC-style (LK-401)
  - 123-key Sun Type-5 style
- Mouse
  - Three-button PS/2 interface

### Power

- AC Voltage and Frequency
  - 100 V/50-60 Hz
  - 120 V/60 Hz
  - 220 V/50 Hz
- Consumption
  - 40 watts max
- Environmental Operating Range
  - Temperature: 10°C to 40°C
  - Humidity: 10% to 90% non-condensing
  - Altitude: Up to 10,000 ft. Ergonomic Features
  - Base: Monitor support, quiet operation

### Physical Dimensions

- Height: 2.1" (53mm)
- Width: 12.8" (325mm)
- Depth: 13.2" (335mm)

### Certifications

- Energy Star compliant
- MPRII compliant
- CE compliant
- UL
- FCC-A
- GSA

\* Denotes optional or licensed software features

\*\* Denotes Non-CE compliant

### Corporate Headquarters

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