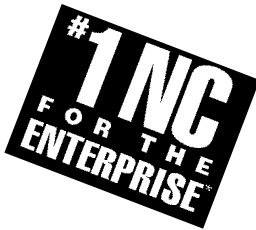




# NC200 Series Business Network Computers



**Navio NC Navigator Local  
Web Browser**

**Java Interpreter**

**Display Mainframe, Legacy, UNIX,  
X, and PC Applications**

**3270, 3179G, VT220, VT340  
Terminal Emulators Optional**

**100Base-TX Optional**

**30 fps Digital Video Optional**

Tektronix NC200 Series Business Network Computers are designed to provide full, low cost access to any data from any host, anywhere on the enterprise network. Designed to meet the demands of today's mixed computing environment, only Tektronix NC200 Series Business Network Computers can display true 30 fps digital video while providing simultaneous windowed access to a local Navio NC Navigator web browser, PC applications,

Java, and legacy applications running on major systems, including IBM mainframes and DEC mini-computers.

NC200 Series Business Network Computers are the ideal replacement for ASCII, 3179G, 3270, VT220, and VT340 terminals or aging PCs. NC200 Series Business Network Computers are designed to provide the ideal desktop for customer service representatives, bank tellers, claims processors, and those who require quick access to all types of information across the total enterprise network.

Open systems applications on workstations/servers, including Sun, HP, Digital, IBM, and UNIX-based PCs, are easily accessed. PC and Microsoft® Windows™ applications are accessed from PC application servers equipped with WinDD™

software. Option DV provides hardware assisted 30 fps digital video that will not degrade when using other local clients. The NC200 Series Business Network Computers provide optimum window performance for increased user productivity in any environment, offering the lowest cost alternative to PCs and workstations without sacrificing functionality or performance.

## **Ergonomically Designed**

A small, modular footprint allows the NC200 Series to fit small work areas, such as bank teller stations or information desks. Due to their high quality, flicker-free displays and adherence to emission safety standards, users will find the NC200 Series comfortable and safe to work with for prolonged periods of time.

## **Performance**

Tektronix NC200 Series Business Network Computers fulfill the needs of our commercial customers who require a high quality, high performance product that easily accesses information across all of their networks. NC200 Series Business Network Computers come in a variety of models ideal for any business environment. They are the solution to all your network access needs, including video.

NC200 Series Business Network Computers

|                             | NC200E     | NC200H      | NC215      | NC217      | NC217H      | NC221H      | NC220S      |
|-----------------------------|------------|-------------|------------|------------|-------------|-------------|-------------|
| Max Resolution              | 1024 x 768 | 1280 x 1024 | 1024 x 768 | 1152 x 900 | 1280 x 1024 | 1280 x 1024 | 1280 x 1024 |
| Refresh Rate                | 70 Hz      | 73 Hz       | 70 Hz      | 70 Hz      | 73 Hz       | 73 Hz       | 73 Hz       |
| Display DPI                 | N/A        | N/A         | 100        | 98         | 113         | 92          | 95          |
| Dot Pitch                   | N/A        | N/A         | 0.27 mm    | 0.27 mm    | 0.27 mm     | 0.25 mm     | 0.31 mm     |
| Display Size                | N/A        | N/A         | 15"        | 17"        | 17"         | 21"         | 20"         |
| Display Colors              | 256        | 256         | 256        | 256        | 256         | 256         | 256         |
| Digital Video Option        | No         | Yes         | Yes        | Yes        | Yes         | Yes         | Yes         |
| Performance Extender Option | No         | Yes         | Yes        | Yes        | Yes         | Yes         | Yes         |

**NC200E Logic Base Supports:** XP214C, XP215C, and SVGA/VGA monitors (up to 1024 x 768 @72 Hz)  
**NC200H Logic Base Supports:** XP18, XP25, XP26, XP27, XP29, XP117C, XP119C, XP214C, XP215C, XP217C, XP217CH, XP219CH, XP221CH, XP336, XP337, XP338, XP356, XP358, XP417C, XP419C, XP421C, and SVGA/VGA monitors (up to 1280 x 1024 @ 73 Hz)

Features

**Standard Features** – Logic Unit, Tilt/Swivel Display, 10Base-T Ethernet Connector, 3 Button Mouse, 2 Serial Interfaces, Power Module and Power Cords, Display Stand (NC221H, NC220S).

**Warranty** – One Year Return-to-Depot.

**Main CPU** – NEC4300 @ 100 MHz.

**DIMM Memory** – 8 MB Standard, 2 memory slots available for expandability.

**LAN Ports** – Standard 10Base-T (twisted-pair) Optional: 10Base-5, 10Base-2, 10/100Base-TX.

**Serial Ports** – Two 9-pin RS-232 Ports.

**Parallel Port** – *Optional:* One 25-pin DSUB

IBM-style Port.

**Digital Video** – *Optional:* Delivers true 30 frames per second MPEG-1 video.

**Audio** – *Optional:* 8/16-bit, Monaural or Stereo Input and Output, 48 kHz Sampling Rate (mono or stereo), 64X Oversampling 3.5 mm Stereo Line In and Out, 3.5 mm Microphone In, 3.5 mm Stereo Speaker/Headset Support.

**Performance Extender** – *Optional:* Increases graphics performance to 25%.

**Flash Memory** – *Optional:* 2 MB or 4 MB.

**Certifications** – UL 1950, CAN/CSA C22.2 No. 950, IEC 950, FCC Class A, EN55022

(class A), EN50082-1, EN60950, C-Tick, VCCI, MPR II (monitors only), CE, Energy Star Compliant.

**Cooling** – Convection (no fan needed).

**Keyboard** – *Optional:* IBM 101, IBM 104, IBM 3270, DEC LK401, SUN type V; IBM 102, DEC LK401, and Sun type V International Keyboards.

**Touch Screen** – Available on all models.

Software Features

**Web Support** – Navio NC Navigator Local Browser, Java Interpreter.

**Boot Options** – X Server Code downloads from host or optionally from flash memory.

**Boot Protocols** – TFTP, NFS; Optional: MOP/DAP.

**Network Protocols** – Standard: TCP/IP, TFTP, NFS, BOOTP, RARP; Optional: Serial Xpress, DECnet, LAT.

**Protocol Supports** – Supports ICA protocol with WinDD software.

**Network Management** – Standard: DNS, SNMP MIB II, PING, Boot Monitor; Optional: DECnet Mirror, DECnet Trigger.

**Parameter Setup** – Motif-like Setup Menu System and Remote Configuration Files.

**Printer Support** – Network Printer Support, Local Print Screen, Local BSD Print Spooler.

**Server** – X Server based on X11 Release 6.1.

**Server Extensions** – Shape, Input Extensions, Multi-Buffer, XIE 5 V5.0 with DIS Imaging Extension, Font Caching, Xidle and Xtest

Extensions, Xblink.

**Local Clients** – Standard: TELNET, Console, Protocol Independent Chooser, Setup, Local Client Launcher, Local Xlock, Low Memory Indicator, XClock, GUI for updating other NC flash memory.

***Optional:*** True OSF/Motif V2.0 Window Manager, DECnet (Cterm, LAT), Serial Xpress, True OPENLOOK Window Manager, Tek340 Emulator, 3270 Emulator, 3287 Emulator, IBM Graphics 3179G Emulator, XIE, Multimedia; Local Clients: Local Audio Player, Local Audio Mixer, Local XIE Viewer, Local Video Player.

***Multi-User PC Application Access:*** WinDD™ Local Client for running PC/Windows applications without emulation.

**Host-Based Clients** – Sun Audio Redirect Driver.

**Terminal Emulation** – VT340, 3270 (Models 2, 3, 4, 5), 3179G (Models 2, 3, 4, 5), VT220, VT100.

**Fonts** – 27 Resident, 700+ available on server tape.

**Font Service** – TFTP, NFS, Flash, Serial Xpress, DAP.

**Supported Hosts** – SUN, HP, DEC (Ultrix, VMS, Alpha Open VMS), IBM RS/6000, SGI, and other UNIX Platforms, Windows NT.

**Input Options Supported** – Touchscreen, Barcode Reader, Trackball, Light Pen.

**Media Formats** – CD-ROM, Cartridge Tape, TK-50, 4 mm DAT.

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