

# NCD ThinSTAR 300

# NCD ThinSTAR 300TR Windows-based Terminals

Flexible Windows access for a variety of users and industries

**NCD ThinSTAR™ 300 and 300TR are Windows-based Terminals designed to the Intel Architecture™ Lean Client guidelines. Each provide cost-effective access to Windows™ applications running on multi-user Windows NT application servers.**

## Highlights

- 10/100BaseT Ethernet and 4/16Mbps Token Ring models
- Intel Architecture design for enterprise consistency and management
- Simple-to-use, easy-to-configure, and feature-rich
- Highly manageable, leveraging Intel Wired for Management™ design criteria
- Flexible support for both Microsoft Remote Display Protocol (RDP) and Citrix Independent Computing Architecture (ICA®)
- Optional NCD ThinPATH Software enhances management, desktop functional support, and legacy connectivity

## Low total cost of ownership with speed and connectivity

NCD ThinSTAR 300 and 300TR Windows-based Terminals offer today's IT managers both a significantly lower cost of desktop ownership and the flexibility to support many user requirements.

With virtually all application software and hardware upgrades — as well as administration, management and maintenance — taking place on the servers, costs are reduced.

Featuring multiple peripheral connectivity capabilities, ThinSTARs are the most flexible thin clients available. And with Intel architecture, users are guaranteed super-fast desktop performance.

## Advanced design combines powerful manageability, easy installation and high performance

The NCD ThinSTAR 300 and 300TR use an Intel Pentium processor and are designed to support the Intel Architecture Lean Client (IALC) definition. This provides power to the desktop user with the latest technology and enterprise-wide desktop consistency.

Fast graphics rendering is made possible with a high performance S3 Graphics processor and NCD-developed graphics optimization. Users have a choice of a 10/100BaseT Ethernet interface or a Token Ring interface operating at 4 or 16 Mbps. Now the enterprise can standardize on a single thin client desktop solution, regardless of the existing network topology. Support for either Microsoft RDP or Citrix ICA protocols provides Systems Administrators with the choice of NT server-based environments.

For further connection flexibility, ThinSTARs support an external modem. When combined with the software-based PPP dialer, remote users can access network resources from any location.

To complement power with ease of management, ThinSTARs implement features of Intel's Wired for Management™ Initiative for simplified network-based desktop management. And installation of the units is as simple as connecting it to your LAN. Users are up and running quickly with these plug-and-play devices.

## Flexibility to meet a variety of user and application requirements

NCD ThinSTAR 300 and 300TR meet unique industry application requirements with their standard peripheral connectivity adapters.

Every ThinSTAR features 2 serial ports, one parallel port, 2 Universal Serial Bus (USB) ports, and 16-bit audio input and output. Windows applications can use local peripherals, printer, or audio over either Citrix ICA or Microsoft RDP connections with optional NCD ThinPATH Software products.

Supported peripherals include devices such as smart card readers and light pens in the healthcare industry; barcode scanners, touchscreen capabilities, and cash drawers in the retail industry; or credit card readers and local printers in the banking and airline industries.

## Automatic software updates; advanced operating environment features

Every NCD ThinSTAR 300 and 300TR contains NCD ThinSTAR Operating Software resident in local flash memory. This Windows CE-based operating environment is key to NCD ThinSTAR advanced capabilities. It provides such advanced functions as plug-and-play installation, instant network connection, PPP dialer, terminal properties security, mouse speed and software volume control, ping utility, plus other customizable functions.

## NCD ThinPATH Software adds value

NCD ThinPATH™ is a family of software that enhances the functionality and flexibility of Terminal Server and its embedded display protocol, Remote Desktop Protocol (RDP) from a PC or NCD ThinSTAR™ Windows-based Terminal.

The NCD ThinPATH family is comprised of various products grouped into Management, Desktop Support and Emulation categories.

## World-class technical support

NCD and NCD Technology Certified Resellers provide a decade of experience in thin client computing. Backed by formal service level agreements with Microsoft and Citrix, you can choose from a wide range of services that cover the entire thin client environment.

## NCD — The Thin Client Experts

NCD ThinSTAR 300 and 300TR take advantage of NCD's decade of experience in simplifying access to network-based information and applications. Our award-winning hardware and software combined with NCD's relationship with companies like Intel®, Microsoft®, IBM®, and Citrix®, together provide the most flexible thin client solutions.



ThinSTAR™





# NCD ThinSTAR 300

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### Technical Specifications

#### Hardware

CPU: Intel Pentium  
 RAM Memory: 16MB SDRAM standard, expandable to 64MB  
 Flash Memory: 8MB  
 Graphics Subsystem: S3 Trio3D Multimedia Accelerator  
 Video Memory: 2MB SGRAM  
 Audio: 16-bit input and stereo output

#### Software

Operating System: Microsoft Windows CE  
 Transport Protocols: TCP/IP, PPP, RAS  
 Display Protocols: Microsoft RDP, Citrix ICA  
 Key Features:
 

- Setup Wizard for easy configuration
- Built-in PPP dialer support for RDP and ICA
- SNMP Agent
- Terminal Properties Security
- Mouse Speed Control
- Software Volume Control
- Ping Utility

#### Flash Update Utility

NCD ThinSTAR Management Service (one per enterprise required)

#### Display

Resolution Support: Up to 1600x1200 @8-bit color  
 1024x768 @16-bit color  
 Refresh Rate: Up to 85Hz, DDC2 monitor support

#### Peripheral Ports

Serial port: 2 DB-9 RS232C ports, up to 115.2K baud  
 Parallel port: 1 parallel port  
 Mouse: 2-Button Mouse PS/2 style  
 Keyboard: PS/2 Windows-95 104 keyboards
 

- US
- UK
- French
- German
- Swedish/Finnish
- Spanish/Mexican
- Kana
- Italian

USB: 2 USB ports  
 Networking (300) 10/100BaseT auto-sensing Ethernet  
 Modem connectivity via built-in serial port  
 Networking (300TR) 4/16Mbps auto-sensing Token Ring  
 Modem connectivity via built-in serial port

All specifications are subject to change

#### Physical Characteristics

Enclosure: Ergonomic Monitor Support Enclosure  
 Dimensions  
 Width: 12.8" (325mm)  
 Depth: 13.2" (335mm)  
 Height: 2.1" (53mm)  
 Weight: 6.75 lbs.

#### Environmental

Temperature: 10°C to 40°C  
 Humidity: 10% to 90% non-condensing  
 Altitude: Up to 10,000 ft.  
 Power Supply: Internal, Auto-switching 100-220VAC

#### Optional Software

NCD ThinPATH Software
 

- Management
  - NCD ThinPATH Manager
  - NCD ThinPATH Load Balancing
- Desktop support
  - NCD ThinPATH Plus
- Emulation
  - NCD ThinPATH Connect
  - NCD ThinPATH X Windows
  - NCD ThinPATH Xware

#### Server Operating System Support

- Microsoft Windows NT Server 4.0, Terminal Server Edition
- Citrix MetaFrame™ thin-client/server software
- Citrix WinFrame™ thin-client/server software 1.6 or above

#### Regulatory Compliance

Energy Star  
 FCC-B  
 UL  
 CSA  
 CE compliant  
 TUV/GS  
 VCCI  
 C-Tick

#### Warranty

36 month system warranty



#### Corporate Headquarters

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