

ThinSTAR Terminals

NCD

NCD ThinSTAR 532LX, 532.NET and 564.NET

Highlights

- Accesses Windows applications from a server via Citrix ICA and Microsoft RDP protocols
- Internet Explorer browser for TS5xx.NET models
- Zero footprint packaging can be mounted under a monitor, on a wall or under a desk
- No external brick power supply to take up space
- Silent, solid-state operation with no fan and no moving parts
- Two serial, one parallel, and two USB ports for connection to virtually any peripheral
- One ISA/PCI slot for future upgrades
- Up to 1280x1024 resolution
- Deep color with ICA 6

Superior Access to Microsoft Terminal Services and Citrix MetaFrame

The NCD ThinSTAR product line offers a wide range of thin client terminals for accessing server-based applications. With the ThinSTAR, users can access PC, Web, Unix, Linux and legacy applications while taking advantage of the low total cost of ownership associated with thin client computing.

The ThinSTAR is brought to you by NCD, the solutions leader in thin client computing for over 14 years. The ThinSTAR delivers the most comprehensive thin client functionality available on the market today. With NCD ThinSTAR, corporations can enjoy the richness of the PC experience without the associated costs of management and endless replacement cycles of the PC model. The NCD ThinSTAR provides an easy-to-manage low cost desktop solution when combined with NCD's ThinPATH software.

The NCD ThinSTAR also includes a powerful range of terminal emulators*, giving direct access to mission critical applications on legacy systems without using a Windows 2000 server and Terminal Services as middleware.

*Only TS532.NET & TS564.NET offer terminal emulation.

Higher Levels of Performance and Flexibility

The NCD ThinSTAR is a state-of-the-art hardware design, manufactured to the highest standards of quality and reliability for the ultimate confidence in a desktop device. With expandability of up to 256MB of system memory, the ThinSTAR supports simultaneous connections to your applications servers. The ThinSTAR also includes a standard, secure PCI card slot for future expansion requirements.

The NCD ThinSTAR can meet unique industry application requirements with its multiple standard peripheral connectors. It features two serial ports, one parallel port, two Universal Serial Bus (USB) ports, and stereo line-in, line-out and microphone ports.

NCD ThinPATH® Software Adds Value

NCD ThinPATH is a suite of software that enhances the functionality and flexibility of Microsoft and Citrix server-based computing. Available for both NCD ThinSTARs and PCs that are being used as thin clients, ThinPATH Management Portal software delivers true "hands-free" management and administration. Each terminal's personality can be configured remotely. With the Centralized Configuration Tool, system administrators can configure terminals individually or in workgroups for fast and easy set-up.

World-Class Technical Support

NCD and NCD Diamond Partners provide over a decade of experience in thin client computing. As a company, NCD is committed to maintaining an expert support staff that is trained and certified on all current product technologies including Microsoft Windows Terminal Services and Citrix ICA.

NCD – The Thin Client Experts

NCD ThinSTAR takes advantage of NCD's experience in simplifying access to network-based information and applications. Our award-winning hardware and software combined with NCD's relationship with Microsoft and Citrix, together provide the most reliable, manageable and flexible thin client solutions.





ThinSTAR Hardware Specifications

System

CPU	National Semiconductor Geode x86 Highly-integrated Processor
Video	
Resolutions Supported	640x480, 800x600, 1024x768, 1152x864, 1280x1024
Color Depth (Maximum Resolution)	16-bit color: 1280x1024 @ 75Hz 8-bit color: 1280x1024 @ 75Hz
Audio	Stereo Line-in (CD-in), Line-out, Microphone
I/O	
LAN	One RJ45 connector Auto-sense 10BaseT/100BaseT twisted-pair Ethernet
Ports	
CRT	One D-sub 15-pin female
Keyboard	One PS/2 type connector
Mouse	One PS/2 type connector
Serial	Two D-sub 9-pin male Max baud rate 115,200
Parallel	One D-sub 25-pin female
USB	Two Type A
Expansion Slots	One ISA/PCI shared

Zero Footprint Installation

Rugged metal case stands vertically or can be placed horizontally under monitors or mounted under desktop. Internal power supply—no external power brick

Silent, Solid-State Operation

No disk, fan, or other moving parts

Warranty

Standard 36 months

Keyboards (Optional)

KB-US - Windows 95, North American
 KB-UK - Windows 95, UK
 KB-FR - Windows 95, French
 KB-SF - Windows 95, Swedish/Finnish
 KB-GR - Windows 95, German
 KB-IT - Windows 95, Italian

Specifications

Dimensions	2.1" W x 11.4" H x 8.8" D (5.3 cm W x 29.0 cm x 22.4 cm)	
Weight	5.4 lb (2.45 kg)	
Voltage	100-240 VAC	
Power Consumption	Typically less than 15 watts	
UL, CUL, CE, FCC		

Environment	Operating	Storage
Temperature	50 - 104° F (10 - 40° C)	-4 - 158° F (-20 - 70° C)
Relative Humidity	10 - 90%	5 - 95%
Maximum Altitude	13,000 ft. (4.0 km)	30,000 ft. (9.1 km)

Feature	TS532LX	TS532.NET	TS564.NET
Operating System	Linux	CE.Net	CE.Net
Standard RAM	32MB	32MB	64MB
Maximum RAM	256MB	256MB	256MB
Flash Memory	16MB	16MB	32MB
Local Browser	N/A	I.E.	I.E.
ICA	Yes	Yes	Yes
RDP	Yes	Yes	Yes
X11	Yes	No	No
Terminal Emulation	No	Yes	Yes
DHCP (RFC 1541)	Yes	Yes	Yes

TS532.NET/TS564.NET Software Features

Citrix ICA v.6 Protocol

- Network connection to server
- Direct serial connection to server
- Dial-up serial connection to server
- Audio
- Local printer support
- COM port redirect
- SecureICA
- SpeedScreen3
- High color
- Session shadowing
- Program Neighborhood "Lite" for NFuse servers

Microsoft RDP Protocol

- Session shadowing
- Local printer support

Pericom teemtalk CE Terminal Emulation Suite

ADDS A2; ANSI BBS; Data General DG 410; Digital VT52, 100, 220, 320, 420 and 520; Hazeltine 1500; HP 700/92, 2622A, and 2392A; IBM 3151; IBM 3270, 3270E, and 3287 for IBM mainframes; IBM 5250 for IBM midrange AS400; SCO Console; Siemens 97801; Tandem 6530; Televideo TVI 910, 925 and 955; Wyse 50, 50+ and 60

Windows CE Internet Explorer

- Full screen browser (use simultaneously with other connections)
- HTTPS support for Secure (PCT/SSL) Communications Client, Server and Proxy Basic and NTLM Authentication to secure web servers
- Browser control with cookie management and URL management
- Javascript interpreter (jscrip)
 - GIF, JPEG, and XMB image support

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