



NEC TCM 160



The Thin Client in Notebook Format

- ACCESS to all company applications
- COMMUNICATE in a secure environment (Ethernet, Wireless or 3G)
- Maximum security and cost reduction
- AUTONOMY of up to 6 hours with wireless LAN 802.11 b/g activated

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IT SERVICES AND SOFTWARE

MOBILE/BROADBAND NETWORKING

COMPUTERS

SEMICONDUCTORS

IMAGING AND DISPLAYS

Empowered by Innovation

NEC

THE THIN CLIENT IN NOTEBOOK FORMAT

FLASH/RAM CONFIGURATION

Minimum (Flash/ RAM) : 64MB / 512MB
 Upgradeable to Maximum (Flash/RAM) :
 1GHZ / 512MB (depending on Operating System)
 RAM DDR2

HARDWARE CONFIGURATION

ARCHITECTURE & MOTHERBOARD

Processor: VIA Eden™ at 800MHz
 Chipset: NorthBridge: VIA VN800
 SouthBridge: VIA VT8237R

I/O PORTS

USB Ports: 5 USB 2.0 (left x2, rear x3)
 Audio Jack Ports : Audio Out / Mic In
 Modem RJ-11 Port: 1 (rear)
 LAN RJ-45 Port: 1 (rear)
 VGA Port: 1 DB-15 (rear)
 DC-in : 1 (rear)
 PCMCIA type II : 1 (optional)

USER INTERFACE

Pointing device: Touch Pad
 Keyboard: 87 keys - standard layout
 with Euro currency key

COMMUNICATION

Modem : 56 K Data/Fax (v.92)
 LAN: VIA VT6103, Automatic
 detection
 Ethernet 10/100, RJ45
 WEP, EAP, WPA, WPA2
 support, PXE
 Wireless Network: Mini PCI 802.11 b/g wireless
 card

VIDEO

Video Controller: UniChrome Pro 2D Gfx
 integrated in Northbridge
 Screen (size/type): 15" TFT XGA
 Resolution: 1024 x 768
 Maximum resolution and refresh on external screen:
 Colours: 8 bits, 16 bits or 32 bits
 Resolution: Up to 1280 x 768
 Refresh: Up to 85Hz

AUDIO

Mic in: 1 jack
 Audio out: 1 jack
 Internal speakers: 2 Stereo Speakers

PHYSICAL SPECIFICATIONS

Size (W x D x H) :
 Width: 330 mm
 Depth: 268 mm
 Height: 36 mm
 Weight: 2.5 kg
 Operating Constraints: + 5° to + 35°C

PERIPHERAL ADMINISTRATION

Local printers through ICA, RDP and local sessions
 USB memory keys: Yes
 USB smart card: Yes

POWER SUPPLY

Battery: 8-cell Li-Ion (4800 mAh)
 Battery life : Up to 6h when wireless LAN
 802.11 b/g activated
 AC Adaptor: In: 110 - 240V, 50 - 60Hz AC
 Out: 19V, 3.16A

WARRANTY

Standard Warranty: 1 year pick-up, repair & return
 (D+5)
 Warranty Extension: 3 years pick-up, repair
 & return (D+5) (optional)*
 * Not applicable in all countries, please contact
 your local reseller for more information

REGULATORY & SAFETY

Regulatory Compliance: CE Mark and CB Certification
 Euro Keyboard: Localised

SOFTWARE CONFIGURATION

OPERATING SYSTEM

Linux LBT Mobile
 Windows XP Embedded

SECURITY FEATURES

Write protected filing system, locked user
 accounts, multiple access levels, administrator
 password, and kiosk mode for browser.
 Security Cable Slot: Yes

INSTALLED APPLICATIONS

Mozilla Firefox (Linux) / Internet Explorer (Xpe)
 Linux Media Player (Linux) / Microsoft media Player
 (Xpe)
 CITRIX ICA Client
 Microsoft® RDP Client
 Citrix Program neighborhood Agent
 Dial-up ADSL, RNIS, RTC
 VPN
 SSH (Linux)
 Client Telnet (Linux)
 VNC Client (Linux)
 XDMCP Protocol (Linux)
 Java / JVM

PLUG-INS

PDF Reader (Linux) / Adobe Acrobat Reader (Xpe)
 Macromedia Flash®
 ThinPrint Client (Linux)
 OTHER : Automatic boot/reboot connections
 and Teemtalk (optional)

MANAGEMENT TOOL :

Enables remote access, the thin clients are categorised
 into groups so they can be easily managed, this enables
 remote upgrade and setup.



Communication

■ Ethernet Modem, or Mini PCI 802.11 b/g wireless card; The NEC TCM 160 allows the user full access to their work environment anywhere they go.



Autonomy and Mobility

■ Thanks to the notebook chassis and its' long battery life (up to 6 hours), the NEC TCM 160 ensures optimal mobility for users. As there are no rotating mechanical elements or hard-drive, this makes for a silent unit, reliable and easy to maintain.



Security

■ The read-only filing system protects the NEC TCM 160 from viral attacks.
 The TCM 160 includes a high secured wireless lan connection which is suitable for professional usage by companies.
 The TCM 160 provides the WEP protocol, the 802.11i specification through the WPA, WPA2 protocols and the authentication 802.1x with the various versions of the EAP protocol.



CITRIX

