

## 180 Series - Windows XPe

# OmniTerm/X180

## Powerful, customizable Windows Based Thin Client

- OmniTerm/X180 leverages the versatility and flexibility of the Microsoft Windows XP Embedded operating system.
- OmniTerm/X180 can be tailored to fit the Enterprise specific needs and requirements with the addition of XP compatible applications which can be executed locally..
- OmniTerm/X180 can be fully integrated to a Microsoft network and controlled by the domain and Active Directory servers.
- OmniTerm/X180 includes the latest Citrix's ICA and Microsoft's RDP clients and TermPro, our terminal emulation suite for the IBM AS/400, IBM Mainframe and UNIX hosts. It also integrates Internet Explorer 6 and Outlook Express.
- OmniTerm/X180's fully functional USB ports accept a variety of peripheral devices such as WiFi devices, CD Rom readers, Floppy drives, memory sticks...
- OmniTerm/X180 features an optional smart card slot.
- LCD VESA mounting capability.



OmniTerm/X180 is a powerful Windows Based Terminal taking full advantage of the flexibility and modular structure of Microsoft's Windows XP Embedded operating system.

### Versatile server connectivity

The integrated Microsoft® RDP and Citrix® ICA clients provide the users with a seamless connection to the Enterprise's Windows servers and also VDI access. **TermPro**, our printer and terminal emulation suite, provides efficient connections to the IBM AS/400, Mainframes, RISC 6000 and other UNIX hosts such as HP9000. The users can concurrently access various host systems (IBM, Microsoft or UNIX).

### Internet/Intranet access and Email

The built-in Internet Explorer 6.0 browser allows Web or Intranet access either directly or through a proxy. A Java Virtual Machine (JVM) is included and the administrator can add optional Internet Explorer plug-ins. Acrobat Reader or Fox It Reader is pre-installed in OmniTerm/X180.

With Outlook Express users have direct access to their corporate Email.

### Security

OmniTerm/X180 automatically starts up under a restricted user profile. The default user has no authorizations to change a configuration or to create new emulation, RDP or ICA sessions. This makes OmniTerm/X180 immune to viral attacks as no data can be written onto the internal flash memory.

As a member of a Microsoft network, OmniTerm/X180 can be tightly controlled by the authentication and domain servers and will follow the security policies implemented within its domain.

### Control and administration

"OmniTerm® Remote Control and Administration" (ORCA) is a powerful SNMP based software which can be used to manage your NLYnx WBT family of terminals. With ORCA, and from your PC, you can discover and manage all the OmniTerm/X180 on your network as well as the OmniTerm® of the 160 and 500 Series. Additionally, ORCA automatically maintains a database of the installed units and features the possibility to remotely take control over each individual terminal using shadowing techniques.

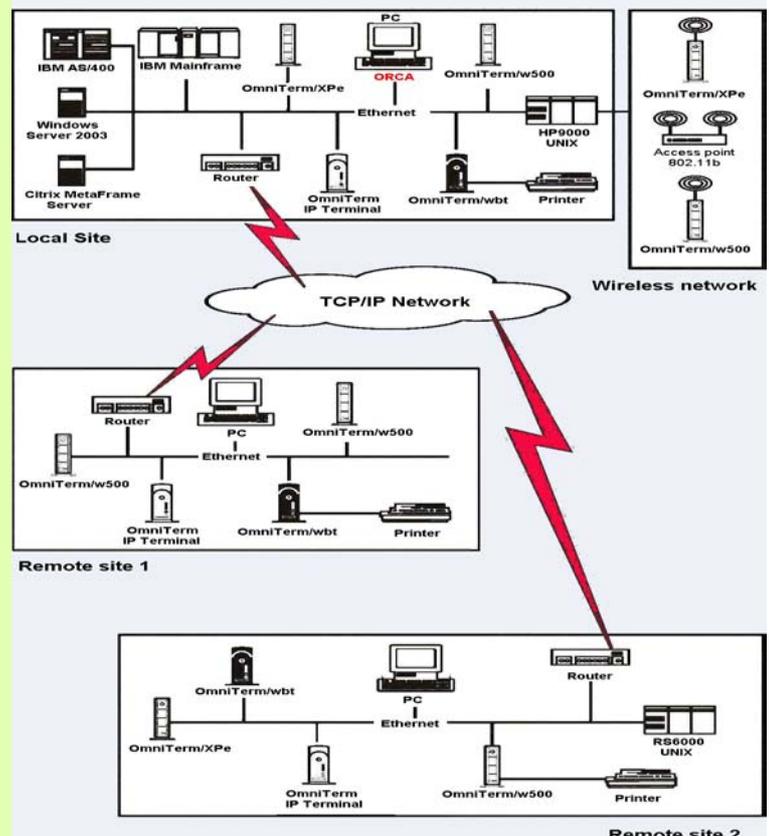
### Network

OmniTerm/X180 is connected to the Enterprise's network via its built in 10/100 Mbps network interface or via an IEEE 802.11x, WiFi wireless connection.

### Customization examples\*

Firefox, Office.org, integration of software authentication key, installation of Word, Excel, Power Point viewers,, Sun JRE.

\* These customizations are example to illustrate the flexibility of the product, they are not included in OmniTerm/X180®.



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## Operating system

Windows XP Embedded (Windows XPe) SP2.

## Terminal emulation

### Integrated TermPro emulation suite.

- \* TN5250 (Display: 3477FC, 3477FG, 3180-2, 3179-2, 3196-A1, 5292-2, 5291-1, 5251-11; printer 3812-1).
- \* TN3270 (Displays: 3278-2E, 3E, 4E, 5E; printer 3487-1).
- \* ASCII (IBM 3151-31, VT100, VT220, VT320, VT420, ANSI-BBS, SCO-ANSI, Wyse 50, Wyse 60).
- \* Hot keys, full screen, keyboard remapping.
- \* Support of the keyboard 122-keys with its "IBM" specific keys.

## Windows terminal/VDI

### Citrix ICA Version 9.x protocol.

- \* Network or modem connection to the Citrix servers.
- \* Auto login.
- \* Automatic detection and configuration of printers connected to OmniTerm/W500.
- \* Network printing.
- \* Audio support.
- \* Wheel mouse support.
- \* SpeedScreen3.
- \* Ports mapping.
- \* High Color support.
- \* Citrix Nfuse.
- \* PNAgent.

### Microsoft RDP version 5.2 protocol.

- \* Auto login.
- \* Local printer support.
- \* Audio .
- \* Serial port redirect..
- \* High color.

## Internet terminal

### Browser Internet Explorer 6.0

- \* Favorites.
- \* Print screen.
- \* HTTPS protocol. 128 bits encryption. SSL (Versions 1,2 et 3) support.
- \* TLS support.
- \* Cookies.
- \* Dynamic HTML and CSS format support.
- \* Microsoft Jscript, Microsoft VBScript, Microsoft Visual Basic Scripting Edition, Microsoft Active X, support.
- \* JPEG, GIF et XMB formats support
- \* Windows Media Player.
- \* Proxy access support.
- \* Java Virtual Machine.
- \* Lotus I-Notes support.

## Other functionalities

### Printing flexibility.

- \* AS/400, Mainframes, HP9000, UNIX hosts, PCs running Windows NT, 2000, XP, Linux can direct their printouts to the OmniTerm/X5000 connected printer using the LPR/LPD protocol.

### Network connection flexibility.

- \* OmniTerm/X5000® can use either a wire or a WiFi connection. WiFi connections can be achieved either with a PCMCIA card (the optional PCMCIA slot is needed) or with a WiFi USB device.
- \* The WiFi protocols 802.11b and 802.11g are supported.

### Flexible choice of peripherals.

- \* USB external memory "sticks".
- \* USB floppy drive..
- \* USB ZIP drive.
- \* USB CD drive.
- \* USB smart card reader.
- \* USB printers (ICA/RDP/Browser).
- \* USB keyboard.
- \* USB mouse.
- \* USB trackball.
- \* USB bar code scanner.
- \* Parallel printers.
- \* Serial printers.
- \* PS2 bar code scanner.

## Remote management and configuration services

ORCA, remote management and configuration software.

- \* Save individual configurations.
- \* Modify configurations.
- \* Manage groups.
- \* Force units to reboot.
- \* Send message to user or groups of users.
- \* Automatically maintain an assets management database.
- \* Wake up/Sleep on Lan.
- \* Total remote control of units on the network.
- \* Snippets and add-on managers.
- \* May run as a Windows service
- \* Upgrade microcodes.
- \* Copy configurations.
- \* Explore sub networks.
- \* Reset units to factory defaults.

## Hardware

Processor: AMD Geode LX800

SDRAM DDR Memory: 256 MB, expandable to 1 GB.

Flash memory: 256 MB Disk On Module (DOM), expandable to 4 GB.

Parallel port: one DB25 Centronics compatible connector.

Serial ports: two DB9 connectors up to 115 200 bauds.

Keyboard port: one PS2 connector.

Mouse port: one PS2 port

USB ports: four ports with two at the front (OmniTerm/X180).

three ports with one at the front (OmniTerm/X180S, OmniTerm/X180bg).

Ethernet port : 10/100 Mbps.

Smart card : one integrated PC/SC compatible USB reader (OmniTerm/X180S).

WiFi : Integrated WiFi adaptor (OmniTerm/X180bg).

## Multimedia

Maximum resolutions : 1280 x 1024 x 32 bits.

8 Bpp/16 Bpp/32 Bpp.

(256 Colors/Hi-Color/True Color).

Video refresh rate : up to 100Hz.

Audio output : 16 bits 48 kHz stereo out, FM synthesis.

Microphone input : 8 bits.

Audio jacks: Line-in, microphone-in.



## Physical specifications

Rugged double casing (metal and plastic) designed to be mounted at the back of a

LCD display compatible with the 100x100 mm VESA FDMI standard (kit included).

External power supply..

Dimensions (H x W x D): 4,5 x 19,5 x 13 cm.

Weight: 660 g.

## Environment

Temperature:

\* Operations: 5°C at 40°C

\* Storage: -40°C at 60°C.

Relative humidity (non condensing):

\* Operations : 20% at 80%

\* Storage: 5% at 90%.

Noise level: 0 dB.

## Power requirements

Input voltage: 100 to 240 VAC, 50 /60Hz, 0,8 A, auto sensing.

Output voltage: 5 V DC, 4 A.

Power consumption: 7,2 W – 2,4 W idle.

## Certifications

FCC Class A, UL, CE, TÜV



## Available from NLYnx

17" analog monitors.

105-key PC keyboard or NLYnx Multi Host 122-key keyboard.

Castle Technology EZ100 USB smart card reader.

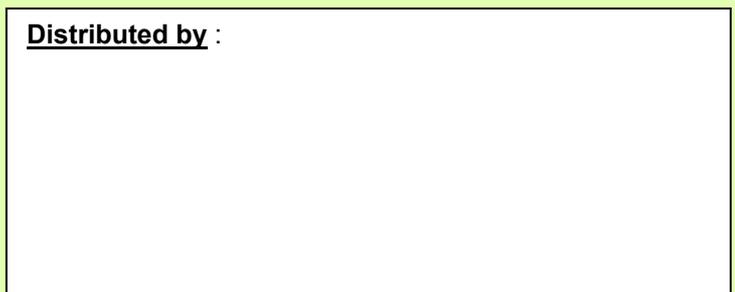
OmniLink, external USB WiFi 802.11b/g adapter.

VESA 100mm/75mm adapter.

## Warranty

Three years, advanced replacement.

## Distributed by :



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