



500 Series - Windows XPe

OmniTerm/X500

Customizable and Versatile Windows Based Thin Client

- OmniTerm/X500 leverages the versatility and flexibility of the Microsoft Windows XP Embedded operating system.
- OmniTerm/X500 can be tailored to fit the Enterprise specific needs and requirements with the addition of XP compatible applications which can be executed locally. This capability makes OmniTerm/X500 the ideal solution for the Enterprise.
- OmniTerm/X500 can be fully integrated to a Microsoft network and controlled by the domain and Active Directory servers.
- OmniTerm/X500 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. Integration of Internet Explorer 6 and Outlook Express provides full access to the Internet/Intranet and Email.
- OmniTerm/X500's fully functional USB ports accept a variety of peripheral devices such as WiFi devices, CD Rom readers, Floppy drives, memory sticks...
- OmniTerm/X500 features an optional PCMCIA port.

OmniTerm/X500® 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 as well as Citrix and VDI access..

TermPro, the 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/X500 together with Outlook Express.

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

Security

OmniTerm/X500 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/X500 immune to viral attacks as no data can be written onto the internal flash memory.

As a member of a Microsoft network, OmniTerm/X500 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 family of terminals.

With ORCA, and from your PC, you can discover and manage all the OmniTerm/X500® on your network as well as the OmniTerm® 160 and 180-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.

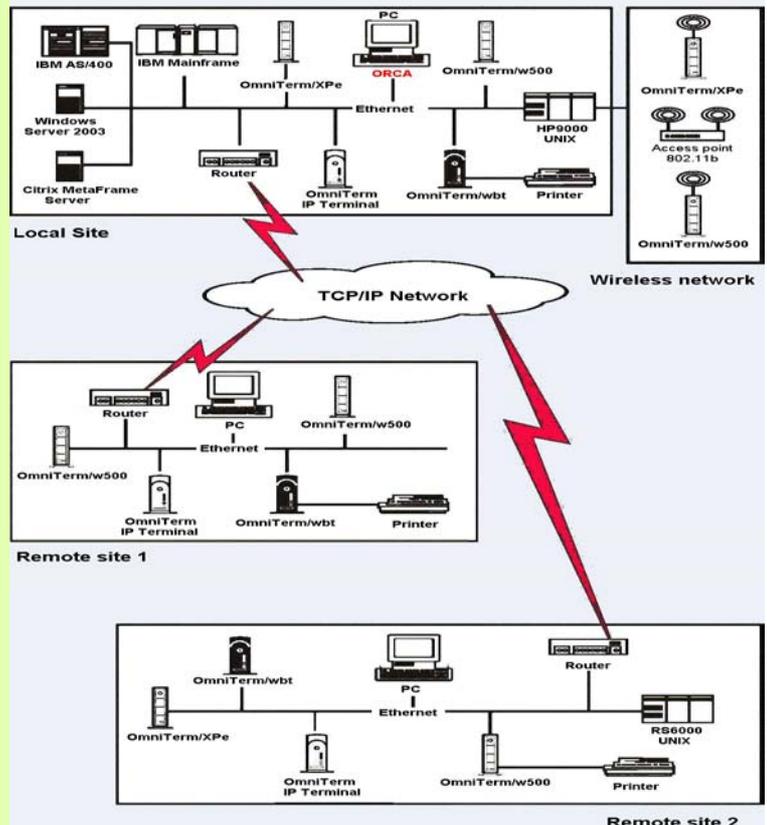
Network

OmniTerm/X500 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 RJE.

* These customizations are example to illustrate the flexibility of the product, they are not included in OmniTerm/X500®.



MARXER INFORMATIQUE

10, Rue d'Otterswiller 67700 Saverne - France
Tél : +33 (0) 3 88 02 85 85 - Fax : +33 (0) 3 88 02 08 85

www.marxerinfo.com

contact@marxerinfo.com

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

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 802.11a, 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.
- * Upgrade microcodes.
- * Modify configurations.
- * Copy configurations.
- * Manage groups.
- * Explore sub networks.
- * Force units to reboot.
- * Reset units to factory defaults.
- * Shut down on LAN.
- * Wake up units on LAN.
- * Snippets and add-on manager.
- * Task scheduler.
- * Send message to user or groups of users.
- * Automatically maintain an assets management database.
- * Total remote control of units on the network.
- * May run as a Windows service

Capability to use DHCP to configure :

- * Default RDP and/or ICA sessions.
- * Language
- * Terminal name.
- * Time zone.

Automatic microcode upgrade and/or configuration at boot time via FTP.

Recovery of failed flash upgrades with the unique eBoot recovery protocol.

Hardware

Processor: VIA EDEN.

"Chip set": VIA CLE266.

Display: Integrated 2D/3D S3 Unichrome controller, bus AGP 8X and MPEG2 accelerator.

SDRAM DDR Memory: 256 MB, maximum 1 GB.

Flash memory: 512 MB Disk On Module (DOM), maximum 1GB.

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.

Ethernet port: 10/100 Mbps.

PCMCIA : optional PCMCIA slot.

Multimédia

Maximum resolution: 1280 x 1024 – 8 Bpp/16Bpp/32Bpp
(256 colors/Hi Color/True Color).

Refresh rate: up to 85 Hz.

Audio: Codec AC97, 6 channels.

Microphone input: 8 bits. Audio jacks: Line-In, Line-Out, Microphone-In.

Physical specifications

Rugged double casing (metal and plastic) standing vertically or underneath the monitor.

Internal power supply.

Size (H x L x P) : 23,5 x 5,5 x 22 cm.

Weight: 2 kg.

Environment

Temperature :

* Operations: 5°C to 40°C

* Storage: -40°C to 60°C.

Relative humidity (non condensing):

* Operations: 20% to 80%

* Storage: 5% to 90%.

Noise level: 0 dB.

Power requirements

Input voltage: 100 to 240 VAC.

Frequency: 50/60 Hz.

Consumption: 20,4 W – 3,6 W stand by.

Certifications



Accessories

17" LCD monitors.

105-key PC keyboard or N Lynx OmniKey Multi Host 122-key keyboard.

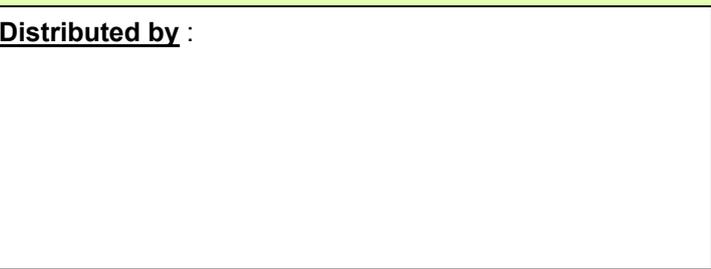
PS/PC compatible smart card reader.

OmniLink , external USB WiFi 802.11b/g adapter.

Warranty

Three years, advanced replacement.

Distributed by :



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10, Rue d'Otterswiller 67700 Saverne – France
Tél : +33 (0) 3 88 02 85 85 - Fax : +33 (0) 3 88 02 08 85

www.marxerinfo.com

