

OmniTerm[©] 180-Series Thin Clients

Models

OmniTerm/L180 – Adaptable with excellent performances, this compact Thin Client is powered by the renowned stable and reliable Mandrake Linux operating system, recompiled and secured by Nlynx. In addition to its efficient Plug-&Play feature OmniTerm/L180 includes the latest RDP and ICA clients to access Windows applications and for VDI access. Embedded X-Windows server for graphical UNIX applications and TermPro™ emulation suite to access applications on IBM mainframe and midrange hosts as well as UNIX or Linux servers. Access to web based applications with the integrated Firefox web browser and SUN Java JVM.

OmniTerm/L180S – Identical to L180 with a built in PC/SC smart card reader.

OmniTerm/L180bg – Identical to L180 with built in wireless.

OmniTerm/W180 – Complete and general purpose Thin Client powered by the highly secured and resilient Microsoft Windows CE version 5 operating system. OmniTerm/W180 includes the latest RDP and ICA clients to access Windows applications and for VDI access. Provision Networks et Dunes brokers compatible. TermPro™ emulation suite to access applications on IBM mainframe and midrange hosts as well as UNIX or Linux servers. Internet explorer for Windows CE browser to access web based applications. Wide screen support for a better productivity.

OmniTerm/W180S – Identical to W180 with a built in PC/SC smart card reader.

OmniTerm/W180bg – Identical to W180 with built in wireless.

OmniTerm/X180 – Flexible and performing Thin Client powered by the proven Microsoft XP Embedded SP2 operating system and including the latest Windows technologies. OmniTerm/X180 features the latest RDP and ICA clients to access Windows applications and for VDI access. TermPro™ emulation suite to access applications on IBM mainframe and midrange hosts as well as UNIX or Linux servers. Windows Media Player, Internet Explorer and Java Virtual Machine facilitate web based application access. Possibility to install third party software to tailor OmniTerm/X180 to the Enterprise specific requirements. Compatible with XP Pro and third party drivers.

OmniTerm/X180S – Identical to W180 with a built in PC/SC smart card reader.

OmniTerm/X180bg – Identical to X180 with a built in PC/SC smart card reader.



"Green" device
Uses less than 9 watts!

All models feature:

- Minimum power consumption (less 9 Watt).
- Small footprint with VESA compatible monitor mounting system to optimize desktop space .
- Performing CPU with multiples session support for better productivity.
- One parallel port, 2 serial ports, one 10/100 BaseT Fast Ethernet port, 3 or 4 USB ports, 2 PS2 ports, audio port and, optionally, an integrated WiFi link for a faster and easier deployment of the OmniTerm installed based.
- No fan or other moving mechanical parts to increase reliability and quiet operation.
- Secured design with optional integrated PC/PS smart card reader to increase the level of security against the viral aggressions.
- Compatible with many existing applications. Integrated productivity tools.
- Centralized SNMP administration with the ORCA software, including the possibility to remotely control (shadowing) all the OmniTerm® models, to manage firmware versions and patches as well as to track assets.



Hardware specifications

Models	OmniTerm/L180 (Linux)	OmniTerm/W180 (Win CE)	OmniTerm/X180 (Win XPe)
CPU	• AMD LX800		
Flash memory	• 64 MB to 512 GB	• 32 MB to 512 MB	• 256 MB to 4 GB
DRAM	• 128 MB to 512 MB	• 128 MB to 512 MB	• 256 MB to 1 GB
Network	• Ethernet, 10/100 Base T, Auto-sense, RJ45, Wake On Lan (WOL)		
Ports	• Two serial ports DB-9 RS-232C up to 115.2K baud • One Centronics parallel port DB-25 / PC compatible • Four USB 2.0 Type A ports (three on models /180 S and /180bg)		• One PS2 keyboard port • One PS2 mouse port
Options	• Internal smart card reader: OmniTerm/L180S, OmniTerm/W180S, OmniTerm/X180S • Internal WiFi with external antenna: OmniTerm/L180bg, OmniTerm/W180bg, OmniTerm/X180bg		
Video	• Resolution up to: 1280 x 1024 • 256 Colors/Hi-Color (16/24 bits). • Refresh rate up to: 87 Hz.	• Resolution up to: 1920 x 1200 (16/10) 1280 x 720 (16/9) 1600 x 1200 (4/3) • 256 Colors/Hi-Color/True Color. • Refresh rate up to: 100 Hz.	• Resolution up to:1280 x 1024 • 256 Colors/True Color. • Refresh rate up to: 100 Hz.
Audio	• 16 bits 48 kHz stereo out, FM synthesis. 8 bits microphone input.		
Physical specifications	• Rugged metal housing within plastic casing. • External power supply.	• VESA FDMI 100x100 mm compliant (mounting kit included). • Dimensions (H x W x D): 4,5 x 19,5 x 13 cm.	• Weight: 660 g.
Environment	• Operating temperature: 5°C to 40°C; Storage temperature: -40°C to 60°C. • Operating relative humidity: 20 % to 80 % non condensing; Storage relative humidity : 5 % to 90 % non condensing. • Noise level: 0 dB. • Power supply: 100 to 240 V AC, 50/60 Hz, 0,8 A - output: 5V DC, 4 A.		
Certifications	• CE	• RoHS	• FCC Class B
			• UL
			• TÜV

Software specifications

Models	OmniTerm/L180 (Linux)	OmniTerm/W180 (Win CE)	OmniTerm/X180 (Win XPe)
Operating system	<ul style="list-style-type: none"> Mandrake Linux 	<ul style="list-style-type: none"> Microsoft Windows CE 5 	<ul style="list-style-type: none"> Microsoft Windows XP Embedded SP2
User interface	<ul style="list-style-type: none"> English, French, German 	<ul style="list-style-type: none"> English, French desktop mode English, French standard mode 	<ul style="list-style-type: none"> Dutch, English, French, German, Italian, Spanish
RDP	<ul style="list-style-type: none"> RDesktop 1.4.1, RDP 5 compatible 	<ul style="list-style-type: none"> Microsoft RDP 5.5 	<ul style="list-style-type: none"> Microsoft RDP 5.1
ICA	<ul style="list-style-type: none"> Citrix ICA 9.x with PNAgent 	<ul style="list-style-type: none"> Citrix ICA 9.x with PNAgent 	<ul style="list-style-type: none"> Citrix ICA 9.x with PNAgent
Terminal emulation	<ul style="list-style-type: none"> IMB TN5250e, IBM3270e, IBM3151 DEC VT100, VT220, VT320, VT420 ANSI BBS, SCO Console Wyse WY-50, WY-60 X11R6 Server 	<ul style="list-style-type: none"> IMB TN5250e, IBM3270e, IBM3151 DEC VT100, VT220, VT320, VT420 ANSI BBS, SCO Console Wyse WY-50, WY-60 	
Web browser	<ul style="list-style-type: none"> Firefox 2,x with pop up blocker, plug-in Flash, Sun JVM and kiosk mode. 	<ul style="list-style-type: none"> Internet Explorer 6 for Win CE with DHTML support, P3P, pop up blocker and kiosk mode. 	<ul style="list-style-type: none"> Internet Explorer 6 SP2 with Flash, Shockwave, PDF reader, Media Player 6, MS JVM, confidentiality options, P3P support
Email client			<ul style="list-style-type: none"> Outlook Express
Other applications and peripherals	<ul style="list-style-type: none"> XDMP VNC NFS LPR LPD WiFi internal or external * Touch screen * IBM 122-key type keyboard 	<ul style="list-style-type: none"> VPN LPR LPD Server ThinPrint Remote Desktop Broker VNC NetCom, serial port daemon WiFi internal or external * Touch screen * External smart card reader * External magnetic stripe reader * IBM 122-key type keyboard 	<ul style="list-style-type: none"> LPR LPD VNC ThinPrint available via download WiFi internal or external * Touch screen * External smart card reader * External magnetic stripe reader * IBM 122-key type keyboard
Security	<ul style="list-style-type: none"> User profile management with access rights control. Protected configuration menus. Write protection mechanism for an efficient prevention of viral intrusions and data losses. 	<ul style="list-style-type: none"> OmniTerm/W180 advanced secure options Read only file system to protect against viral contamination and risks of data losses. EBoot protocol to automatically recover from failed firmware upgrade eBoot. 	<ul style="list-style-type: none"> Built in firewall. Write protection mechanism for an efficient prevention of viral intrusions and data losses. Possibility for OmniTerm/X180 to join a domain.
Remote configuration and administration	<ul style="list-style-type: none"> DHCP, SNMP, FTP ORCA, SNMP administration software including remote control (shadowing) and configuration, firmware updates, scheduled operations, asset management 	<ul style="list-style-type: none"> DHCP, SNMP, FTP ORCA, SNMP administration software including remote control (shadowing) and configuration, firmware updates, scheduled operations, asset management 	<ul style="list-style-type: none"> DHCP, SNMP, FTP ORCA, SNMP administration software including remote control (shadowing) and configuration, firmware updates, scheduled operations, asset management
Server compatibility	<ul style="list-style-type: none"> Microsoft Windows Server 2003, Windows 2000 Server, Windows NT 4.0 TSE; Terminal Services Citrix Application Delivery Infrastructure, Access Suite Platform, MetaFrame, Presentation Server, WinFrame, DDI Virtual Desktop Infrastructure UNIX, Linux IBM OS/400, i5/OS, OS/390, z/OS 		
Keyboard languages	<ul style="list-style-type: none"> French, German, US English 	<ul style="list-style-type: none"> Czech, English US & UK, Danish, Dutch, Finnish, French, French Canadian, German, Italian, Polish, Portuguese, Spanish, Swedish, Swiss French, Swiss German, Turkish 	<ul style="list-style-type: none"> Czech, English US & UK, Danish, Dutch, Finnish, French, French Canadian, German, Italian, Polish, Portuguese, Spanish, Swedish, Swiss French, Swiss German, Turkish

* Options



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