



ITONA TC 4631-LI

Thin Client

Networking Ideas

..... Thin Solutions



With a range of operating systems (Gio Linux, Microsoft Windows CE and Microsoft Windows XP Embedded) there's an Itona thin client for every organisation. Itona connects swiftly and easily to a wide range of servers and networks – and, once it's up and running, you'll enjoy the low cost of ownership and the near zero maintenance. It's the way enterprise computing should be.

Itona TC from VXL is thin client computing perfected. High specifications and low cost add up to a great value package that's secure, easy to manage and highly reliable.



Itona TC4631

About VXL

VXL is one of the world's largest suppliers of thin clients. Established in 1976, VXL has grown steadily and now has over three hundred people worldwide – with offices in Germany, France, India, the United States and the United Kingdom. The company's headquarters is in Bangalore, India.

Fully featured

With an extensive range of ports (USB x4, PS/2 x2, serial x 2, parallel, audio, 10/100 Ethernet, optional : wireless LAN and smart card reader) Itona has really got connectivity covered. Add to that a 24-bit graphics controller and resolution support up to 1600x1200, it all adds up to one of the best specification thin clients around.

The ideal desktop client

Seen and not heard – that's Itona. That's because its fanless design ensures totally silent operation. And, of course, it is pleasing and compact – freeing up valuable desk space.

Choice. Choice. And choice.

Itona comes in a range of configurations, so you can be sure that there's an ideal Itona for your network.

Remote management included

Every Itona comes with the powerful XLmanage remote management software, Workgroup Edition, making central management a breeze.

ITONA TC 4631-LI

Thin Client



Modular Terminal

LINUX-Based operating system

Standard Client Software:

ICA, PN Agent, RDP, TEC, X11/XDMCP, Tarantella, VNC, Dialup, REXEC, VPN, SHELL Script, VOIP Software, Netscaler Software standard with 128MB Flash & 128MB DDR 2

Hardware

Processor : VIA C7, 1 GHz

Input/Output/Peripheral Support :

- 2 serial port
- 4 USB 2.0 ports (two on front, two on back)
- PS/2 Keyboard
- PS/2 Mouse
- VGA-type video output (DB-15)
- 1 Parallel Port (Female Connector D-Sub 25P)
- Built-in Kensington Security slot
- Internal USB Smartcard Reader (Optional)
- Internal USB Wireless LAN

Networking

- Autosensing, 10/100 Ethernet, RJ-45
- PXE boot
- Wake On Lan
- External wireless options

Display Support

- VESA monitor support, with Display Data Control (DDC) for automatic setting of resolution and refresh rate
- Maximum resolution and refresh rates (Hz)
 - 8 Bit Color : Up to 1600x1200 @ 70Hz
 - 16 Bit Color : Up to 1600x1200 @ 70Hz
 - 24 Bit Color : Up to 1024x768 @ 60Hz, Up to 1280x1024 @ 75Hz, Up to 1600x1200 @ 70Hz

Audio

- Line Out
- Mic
- Line In

Physical Characteristics

- Height : 8.89 inches (229mm)
- Depth : 9.0 inches (226mm)
- Optional : Wall Mounting bracket
- Width : 1.96 inches (50mm)
- Shipping Weight : Appx 2.5kg

Environmental

- Temperature Range :
 - Powered on : 32° to 104°F (0° to 40°C)
 - Powered off : -14° to 140°F (-10° to 60°C)
 - Convection cooling, fanless design
- Humidity :
 - 20% to 80% noncondensing

Software

Firmware Features :

- ICA Client : Citrix ICA client for Linux version 9.0
- VPN Pptp
- SHELL Script
- VNC Client : VNC viewer
- Other : Autostart/auto-restart connections, secure control panel
- XDMCP Protocol : Remote X connection based on X server
- Security Features: Read-only file system, locked-down user account, multiple levels of interface lockdown administrator password.
- Local Operating System Features
 - Updated 2.4.26 kernel
 - Password-protected setup
 - Compressed read-only file system
 - LPR/LPD, Ghostscript and samba print support for deskjet and laserjet
 - X11R6 local windows manager
 - Support for four virtual desktops
 - NFS and samba file system support
 - Browser kiosk support with touch screen
- RDP Client : A Remote Desktop Protocol client version 1.4.0
- REXEC Command
- TARANTELLA Client
- VNC Shadowing

Server OS Compatibility/Support :

- Microsoft Windows NT Server 4.0, Terminal Server Edition, Windows 2000 server and Windows 2003 Server
- Citrix Winframe and MetaFrame

Set-Up and Configuration :

- User interface :
 - Boot from local Flash
 - User interface Language: U.S. English; French, German
 - Keyboard language support: U.S. English Standard; French, German, Italian, U.K. English, 30 others included

Protocol Support :

- TCP/IP, NFS, NTP, DHCP, PXE, SNMP, SSH

Management

- Remote management, configuration, and upgrades through XLmanage Client management software
- Wake terminal remotely (Wake-on-LAN)
- Terminal configuration (IP information, name, etc.)
- Complete image upgrade
- Pull/Push updates

Power

- Internal power supply
- Worldwide autosensing 100-240 VAC., 50/60 Hz, Less than 35 W (max)
- Average power usage : 16.0 Watts

Regulatory Compliance

- Ergonomics :
 - German EKI-HTB 2000:2003
- Safety :
 - cTUVus
 - TUV-GS
 - TUV-EMC
- RF Interference :
 - FCC Class B
 - CE
 - C-TICK
 - RoHS

Warranty

Three-years limited warranty



VXL Instruments Limited

Head Office: 'House of Excellence', No 17 Electronics City, Hosur Road, Bangalore 560 100, India

Tel: +91 80 30222525 (5 lines) Fax: +91 80 28520095 E-mail: sales@vxl.net Web: www.vxl.net

European Headquarters: Carrington Business Park, Carrington, Manchester, UK M31 4DD

Tel: +44 (0) 16 17 75 47 55 Fax: +44 (0) 16 17 75 48 66 E-mail: Derek.holloway@vxl.net

VXL Presence:

France

Tel. : +33 (0) 1 42 17 00 03
E-mail: pjaspard@vxl.net

Germany

Tel. : +49 (0) 8761 1093
E-mail: gerdb@vxl.net

United States

Tel. : +1 713 589 3273
E-mail: sales@vxl.net