



## ITONA TC 4531-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 TC4531

### 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, parallel, audio, 10/100 Ethernet, plus wireless LAN and smart card reader on selected models) Itona has really got connectivity covered. Add to that a 24-bit graphics controller capable of 1600x1200 resolution and 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.

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## Modular Terminal

Linux Based Terminal & Linux Operating System

Standard Client Software:

ICA, PN Agent, RDP, TEC, X11/XDMCP, Tarantella, VNC, REXEC, VPN, SHELL Script, VOIP S/W, 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

**Networking**

- Autosensing, 10/100Ethernet, 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

**Ambient Temperature Range**

- 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
- XDMCP Protocol : Remote X connection based on X server
- Other : Autostart/auto-restart connections, secure control panel
- Security Features: Read-only file system, locked-down user account, multiple levels of interface 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 auto-sensing 100-240 VAC., 50/60 Hz, Less than 35 W (max)
- Average power usage : 16.0 Watts

**Regulatory Compliance**

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

## Warranty

Three-years limited warranty



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