



# ITONA TC 3221 - XP

## 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.



Left: Itona TC 3221  
Right: Itona TC 3241

### 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 32-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.

### 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.

# ITONA TC 3221-XP

# Thin Client



## Modular Terminal

Based on the Microsoft Windows XP Embedded operating system

### Standard Client Software:

Citrix ICA, Integrated Microsoft RDP, Internet Explorer & terminal emulation protocols standard with 256MB Flash & 256MB DDR

## Hardware

**Processor :** VIA C3 800 MHz

### Input/Output/Peripheral Support :

- 1 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
- Optional: Internal slim HDD

### 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)
  - 16 Bit Color : Up to 1600x1200 @ 70Hz
  - 32 Bit Color : Up to 1024x768 @ 60Hz; Up to 1280x1024 @ 85 Hz

### Audio

- Line Out
- Mic
- Line In

### Physical Characteristics

- Height : 10.6 inches ( 268mm)
- Depth : 9.8 inches ( 250mm)
- Optional : Wall Mounting bracket
- Width : 1.96 inches (50mm)
- Shipping Weight : Appx 3.8kg

### 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)
- Humidity :
  - 20% to 80% noncondensing

## Software

### Firmware Features :

- Microsoft Windows XPE
- Microsoft Internet Explorer 6.0 resident: 1 HTML, JavaScript , XML, Active X, Sun JRE, MediaPlayer 6.4, Citrix Web Client
- RDP 5.2 resident
- Citrix ICA 9.0 resident
- Terminal emulation emulates 60 terminal types.

### Server OS Compatibility/Support :

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

### Security:

- EWF Manager, User registry restrictions

### PLUG-INS:

- Adobe Acrobat Reader, Macromedia Flash wave and Shock wave

### User interface :

- Boot from local Flash
- Windows XP user interface language: U.S. English; French, German, Spanish optional
- Keyboard Language support: U.S. English standard;
- All other languages supported
- JAVA/JVM, VNC Shadowing
- VPN, Customizable Thinprint
- Smart Card Support, ELO Touch screen Support
- PPP / DIAL-UP- Networking
- USB Input Devices Support
- My ODBC Client Support

### Protocol Support :

- TCP/IP, DNS, DHCP, PXE, RPL

### Management

- Remote Management, configuration, and upgrades through XLManage software version 1.2 or later
- Wake terminal remotely (Wake-on-LAN)
- Terminal configuration ( IP information, name, etc.)
- Remote screen shadowing of entire desktop (VNC)
- Reporting
- Asset management

## 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 EKH-TB 2000:2003
- Safety : cTUVus, TUV-GS, TUV-EMC
- RF Interference : FCC Class B, CE, C-TICK

## Warranty

Three-years limited warranty



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