

# Termtek

A Professional Thin Client Solution Provider

## TK-3752 CE6.0/LX/XPe

COMPACT SIZE AND POWERFUL THIN CLIENT  
WITH TWO DISPLAY SUPPORT (VGA & DVI)



**TK-3752** is a new stylish box-type thin client with compact size and small housing. The primary benefit is space-saving and easy to accommodate at any locations. The uniquely-designed removable foot stand makes TK-3752 flexible in various positions including vertical, horizontal and panel-mounted. You can disassemble/assemble the stand easily and put the client in vertical or horizontal angle. Equipped with mounting kit, TK-3752 also enables standard VESA-mounted at rear of LCD monitor. This efficient design makes the client and LCD monitor look like ALL-IN-ONE.

The special cap design on the housing of TK-3752 also makes it unique and extremely convenient to access the flash and RAM. Users can easily swap the flash included with Embedded OS (CE/XPe/Linux) or expand the RAM size quickly to evaluate different software and applications. The hidden Parallel port is available for legacy printer devices when necessary.

The key features of TK-3752 hardware platform are adopted with VIA CN700 chipsets, DDRII RAM and four USB 2.0 ports (two on the front, two on the rear) which bring excellent system performance and functionality. All series of embedded OS are supported such as Win CE, Linux and Win XP embedded. Termtek self-developed remote management software is a very efficient tool to manage CE/LX/XPe clients simultaneously from server site. If you are looking for a delicate and compact-size thin client with powerful functionality, TK-3752 is your best choice.

CPU Type	VIA CPU
Processor speed	1GHz/1.2GHz/1.6GHz
Chipsets	CN700 and VT8237R+
Operating system	Microsoft Windows CE6.0 R2 Linux Kernel 2.6 Microsoft Windows XPe SP2
Browser	IE 6.0 for CE6, IE7.0 for XPe, Firefox 1.5 for LX
Compact Flash memory (standard)	256MB for CE6.0 R2 512MB for LX 1 GB for XPe (expandable to 8GB)
RAM (standard)	256MB DDRII(400/533) for CE6.0 512MB DDRII for LX 512MB DDRII for XPe (expandable to 1GB for Linux, XPe) (expandable to 512MB for CE)
I/O Ports	1 x Parallel, 1 x VGA video output, 1 x DVI video output, 4 x USB 2.0, 2 x PS/2 ports, 1 X RJ-45 1 x MIC-In, 1 x Line-Out
Standard Option	<ul style="list-style-type: none"><li>• Metal mounting bracket for VESA</li><li>• Internal USB 802.11b/g/n</li><li>• Wireless LAN module</li></ul>
Manageability software	Remote Management 6.0 SP1
Protocols	MS RDP 6.0, ICA 10.0 for XPe MS RDP 6.0, ICA 10.08 for CE6.0 R2 rdesktop 1.6.0, ICA 10.6 for LX Terminal Emulation (Default for CE/LX and optional for XPe)
Dimensions	190mm(L)x140mm(W)x40mm(H) weight: 0.6 kg only

## TK-3752 CE6.0/LX/XPe

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## TK-3752 CE6.0/LX/XPe Specification

### HARDWARE

#### CPU

VIA CPU 1GHz/1.2GHz/1.6GHz (fanless)

#### RAM

256MB for CE6.0  
512MB for Linux  
512MB for XPe  
(expandable to 1GB for Linux, XPe)  
(expandable to 512MB for CE)

#### South Bridge

VIA VT8237R+

#### Compact Flash Memory

256MB CF for CE  
512MB CF for Linux  
512MB CF for XPe  
(expandable to 8GB)

#### Display and Audio

VGA & DVI Both Supported (Dual & Extend Screen)

##### • Resolution

1600x1200 32-bit true color, 60 Hz, high color up to 85Hz  
1280x1024 32-bit true color, up to 85Hz  
1024x768 32-bit true color, up to 85Hz  
800x600 32-bit true color, up to 85Hz  
640x480 32-bit true color, up to 85Hz  
(LX Supports only 24-bit true color)

##### • Video Memory

Shared System memory 8MB to 64MB  
AGP 8x performance

##### • Audio

Output: AC-97 2.2 CODEC compatible  
(Mic-In, Line-Out), 1/8-inch full, 16 bit stereo FM synthesis  
Input: 1/8-inch 8 bit mini microphone

#### Input/Output/Peripheral

One parallel port, DB25F connector, bidirectional centronics-compatible and locally printable  
Two PS/2 ports for mouse and keyboard  
One analog VGA video output, DB-15 connector, One DVI connector  
Four USB 2.0 ports (two on the front, two on the rear) for floppy disk drive, mouse, CDROM, hard-drive, etc.

#### Networking

RTL 8110SC 10/100/1000 Mbps (RJ-45)

#### Expandable Options

Internal USB 802.11b/g/n Wireless LAN module

#### Housing

Plastic case

### SOFTWARE

#### Operating System

Microsoft Windows CE 6.0 R2, XPe SP2 and Linux Kernel 2.6

#### Software Feature

##### • CE 6.0 R2

Citrix ICA 10.08, MS RDP6.0, MS IE 6.0, JavaScript5.6, VBScript5.6, Windows Media Player 9.0, MPEG-2 and MP3 supported  
TCP/IP with DNS, WINS, PPP, DHCP and PPPoE, PXE, RAS, VPN, WLAN, SNMP Agent and SNMP MIB II, SMTP  
USB devices support (Support USB Floppy, CDROM, HDD, Smart Card Reader), USB External storage supported and sharing  
Thin Print supported, LPD supported, Go-Global3.20, VNC  
TK-Emulation, TK-RM Agent, Office viewer, PDF viewer, Image Update & Backup, User Security control.

##### • XP Embedded (service pack 2)

1 GB Standard Package  
MS RDP6.0, Citrix ICA 10.0  
Microsoft Internet Explorer 7.0, Macromedia Flash Player 9.0  
EWF support, DUA (Device Update Agent), PNAgent 10.0  
TCP/IP with DNS, WINS, PPP, DHCP and PPPoE, PXE  
USB devices support (Support USB Floppy, CDROM, HDD, Smart Card Reader), USB Printer Support, USB Audio support, Modem support, TCP/IP Utilities, VNC  
Map Network storage function, Sun J2RE 1.4.1, Windows Media player 11.0, DirectX 9.0, Wordpad, Calc, Notepad, Mspaint, Network Printer (TCP/IP port), Firewall (include file sharing)  
MDAC (include Jet Database Engine), Acrobat PDF reader, Cyber Link Power DVD Player 8.0 (Optional)

##### • Linux Embedded

rdesktop 1.6.0, Citrix ICA 10.6, X11 (XDMCP), VNC, NX Client, Go-Global Client  
Firefox Browser 3.0 (Browser Plug-in: Sun Java 1.6, Macromedia Flash  
Player 10, Acrobat PDF Reader 8.0, Real Player 11)  
TCP/IP with DNS, WINS, PPP, DHCP and PPPoE, PXE, VPN, WLAN, SSH  
TK-Emulation, TK-RM Agent Samba/NFS File System Support, USB External Storage Support and Sharing  
LPR/LPD and CUPS Print Support, Samba Print Support  
COM Port Redirect, Password-Protected Setup, USB Security Manager  
Compressed Read-only File System for system space, Desktop Mode, support Add/remove Component Update, System Restore & backup, EWF support, User Security control

#### Terminal Emulation

(Default for CE/LX and optional for XPe)

ASCII/ANSI Emulation  
SCO Console ANSI  
DEC VT420/320/220/100/52  
Wyse 325/120/60/50+  
TVI 925/910, ADDS A2  
IBM Emulation  
TN5250(E), TN3270(E)

#### Server O.S. Support

RDP:  
Windows Vista Family  
Windows 2008 Family  
Windows 2003 Server Family + RDP service  
Windows XP Pro + RDP service  
Windows 2000 Server Family  
Windows NT Server 4.0 + TSE  
ICA:  
Citrix MetaFrame XP + Windows 2003 Server Family  
Citrix MetaFrame XP + Windows 2000 Server Family  
Citrix MetaFrame + Windows NT Server 4.0 + TSE

#### Setup and Configuration

Local power-on boot.  
Configurable automatic login  
Multi-language keyboard support  
Multiple auto-startup  
Reconnection

#### Remote Management

FTP update, Wake on LAN, Remote shut down, Schedule (wake up, shut down, reboot, FTP update), remote configuration, Configure data distribution, XPe recover and backup, grouping, VNC

#### Temperature

Operating: 5°C to 40°C  
Storage: -40°C to 60°C  
Convection cooling, fanless.

#### Relative Humidity

10% to 90% non-condensing.  
Operating altitude range from 0 to 10,000 feet (0 to 3050 meters)

#### Power Requirement

Emissions FCC Class B, TUV, UL/CUL, CE, BSMI, C-TICK, CB, VCCI

### ENVIRONMENT DIMENSIONS AND WEIGHT

#### Terminal box

190mm(L) x 140mm(W) x 40mm(H)  
NW: 0.6kg

#### Packing with Gift Box

273mm(L) x 233mm(W) x 88mm(H)  
NW: 0.9kg, GW: 1.4kg

#### Packing with Carton

Full carton: 5pcs/CTN  
463mm(L) x 291mm(W) x 267mm(H)  
NW: 7kg, GW: 7.67kg

## TK-3752 CE6.0/LX/XPe

### Compact Size and Space-Saving Thin Client



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