

# TERMTEK

TK-3350 CE/LX/XP

## The outstanding Hardware specifications

### Powerful CPU and chipset deliver high performance

Looking for a perfect thin client that meets all your needs TK-3350 CE/LX/XP will be your best choice. Unlike other thin clients available in the markets, superior 533MHz/733MHz Eden CPU and chipsets enhance performance to a much higher level. Users can enjoy up to True Color 32-bit depth color, while others can only support up to 16-bit high color. Besides, with this product, it's really a enjoyment when surfing on the Internet and watching video streams via a local Internet Explorer without delay.

### Wide range connectivity support

TK-3350 CE/LX/XP have all the connectivity to meet the market requirements. The compact and elegant outlook design doesn't cut off the connectivity such as one parallel port, 2 serial ports, 2 USB ports and PS/2 ports for keyboard and mouse. On the other hand, an internal switching power supply provides steady operation and space saving. With no moving parts, we provide the best virus protection and much longer mean time between failure (MTBF).

### Additional slots support: Wireless LAN, PCI, and Smart Card

TK-3350 CE/LX/XP offer not only a standard wired LAN connection but also IEEE 802.11b Wireless LAN connection via its optional PCMCIA slot. Users can simply plug in the wireless PC card provided and immediately take the advantage of the getting popular wireless LAN access. For users looking for higher security, it even equipped with a smart card slot as an optional function. For any other function extension, we also have a PCI slot for specific selection.

### Special diskless operation support

TK-3350 CE/LX/XP now has a boot ROM feature as a standard function. This is to take care of the getting popular diskless booting operation system. For any application that doesn't require an embedded OS pre-installed in DOM or compact flash card, these thin clients are your the only and the best choices.

## The Best CE.NET/Linux/XPe based Thin Client

TK-3350 CE is powered by Windows CE.NET, while TK-3350LX is powered by Linux Embedded and TK-3350XP is powered by XP Embedded operating system. Basically it connects to an application server through Windows RDP or Citrix ICA protocols. All the applications are executed on the server and are accessed by users as needed. The user interface is so friendly and familiar to users' previous experiences.

### Terminal Emulations

With embedded terminal emulations, TK-3350 series allows users to access legacy Unix host systems. Up to 17 emulations empower our thin clients the capability of accessing all kinds of mixed environment. Users can catch up the mainstream of Windows 2000/2003 based server while in the same time keeping their previous investments, such as old data base system.

### Hassle-Free Remote management Software

Thanks to our most powerful management tool, Remote manager(RM), the administrator can use the RM to manage all the TK-3350 series to do the job as following:

#### RM features :

- Wake up on LAN/RING, configure the setting, do DOM /CF & bootloader update, and add/edit connections for WBTs
- Discover, shutdown and retboot WBTs
- Group WBTs
- Schedule WBTs
- Monitor WBTs
- Log message for WBTs
- Enable security of the network
- Manage WBTs in subnet

Windows CE.NET  
Windows XP Embedded  
Linux Embedded

## TK-3350 CE/LX/XP

Powerful Box-type Thin Client



TERMTEK COMPUTER CO., LTD.



# TK-3350 CE/LX/XP Specification

## Powerful Box-type Thin Client

### HARDWARE

#### ◎ CPU

VIA Eden CPU 533MHz/733MHz/1GHz or up (fanless)

#### ◎ SDRAM

64MB for CE.NET  
64MB for Linux  
256MB for XPe  
(expandable to 512MB)

#### ◎ Flash Memory

256KB Bootloader  
32MB CF for CE.NET  
32MB CF for Linux  
256MB CF for XPe  
(expandable to 512MB)

#### ◎ Display and Audio

##### Resolution

1600x1200x16-bit high color, 60Hz  
(for CE.NET and XPe)  
1280x1024x16-bit true color, up to 85Hz  
1280x1024x32-bit true color, up to 60Hz (CE)  
1024x768x32-bit true color, up to 85Hz  
800x600x32-bit true color, up to 85Hz  
640x480x32-bit true color, up to 85Hz  
(LX Supports only 24-bit true color)

##### Video Memory

Share System memory 8MB

##### Audio

Output: CODEC VT1612A ,1/8-inch full  
16 bit stereo FM synthesis,  
Input: 1/8-inch 8 bit mini microphone

#### ◎ Input/Output/Peripheral

Two serial ports, RS-232C compatible,  
DB9M connector, baud up to 115.2K bps  
One parallel port, DB25F connector, bi-  
directional, electronics-compatible and  
locally printer  
Analog VGA video output, DB-15  
connector  
Two USB 1.1 ports, for floppy disk drive,  
mouse, CD-ROM, hard-drive, etc.  
Two PS/2 ports for mouse and keyboard

#### ◎ Networking

TCP/IP with DNS, WINS, PPP, DHCP and PPPoE  
10/100 Mbps, one RJ-45 connector

#### ◎ Expandable Options

Smart Card Reader for security-use in  
client-end  
PCMCIA slot for wireless LAN  
PCI riser card

#### ◎ Housing

Metal case

### SOFTWARE

#### ◎ Operating System

- Microsoft Windows CE.NET 4.2 (CE)
- Linux Kernel 2.4.20 (LX)
- Microsoft Windows XP Embedded  
with Local Windows desktop  
interface (XP)

#### ◎ Software Feature

##### CE.NET

MS RDP5.1 / Citrix ICA 8.0  
DNS, DHCP, PPP, WINS, RAS, VPN, TK-  
RM Agent, SNMP Agent and SNMP MIB  
II, PPPoE, L2TP  
MS IE 6.0 supported  
Windows Media Player 9.0 and ActiveX  
controls, Support MPEG-4 and MP3  
PXE (standard image updating  
mechanism)  
Thin Print support  
LPD support  
USB External storage support and  
sharing

##### Linux

TCP/IP with DNS, DHCP, TK-RM  
Agent, RDP/Citrix ICA 8.0/XDM. Load  
balancing supported by Citrix ICA.  
Firefox 1.0 (64MB)  
Macromedia Flash 7.0  
PDF Reader (option)  
JVM (option)

##### XP Embedded

MS RDP5.2 / Citrix ICA 8.0  
Microsoft Internet Explorer 6.0  
Windows Media Player 6.4/8.0(option)  
Macromedia Flash Player 7.0  
Sun J2RE1.4.1 or MSJVM 5.0(option)  
Acrobat PDF Reader 5.05 (Option)  
MUI, EWF support, Ramdisk  
DUAUI(Device Update Agent),  
USB Printer Support  
Map Network storage function  
PNAgent 8.0 (option)  
File Sharing (Support USB Floppy,  
CDROM, HD)  
System Recovery

#### ◎ Terminal Emulation

##### 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 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.

Simple start-up wizard

Configurable automatic login

Multi-language keyboard support

Multiple auto-startup

Reconnection

#### ◎ Management

Boot from LAN

Remote management , configuration,  
upgrades, wake on LAN, through  
Termtek Remote Manager software.

Terminal Configuration (IP, Netmask,  
name, etc.)

### ENVIRONMENT

#### ◎ 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)

#### ◎ Regulatory Compliance

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

#### ◎ Power Requirement

full range auto-sensing, 96~264 VAC,  
50-60 Hz

### DIMENSIONS AND WEIGHT

#### ◎ Terminal box

51mm(W) x 232mm(H) x 212mm(D).

#### ◎ Box with Packing

95mm (W) x 290mm(H) x 270mm(D).

#### ◎ Weight

Box only NW:2.2kgs;

G.W.: 2.4kgs.

Box with Packing NW: 12.5kgs;

G.W.: 13.5Kgs.

### ORDERING INFORMATION

TK-3350 CE/LX/XP (533/733/1G)

-S: Smartcard Reader

-W: Wireless 802.11b

-P: PCMCIA

-R: PCI riser card



## TERMTEK COMPUTER CO., LTD.

2F, No 100, Li De St., Chung Ho City, Taipei Hsien, Taiwan, R.O.C. TEL: 886-2-2225-7173 FAX: 886-2-2226-5076

E-mail: sales@termtek.com.tw <http://www.termtek.com.tw>