

Stylish Design and Flexible Adjustability

TK-5770 is a stylish-design all-in-one 17" LCD Integrated thin client with sleek and ultra-slim flat panel. The dedicated hinge device enables flexible and diverse angle adjustability to fit high-visibility location and limited spot. The slender shape is ideal to place on the desk, mount on the wall, attach to the extension arm, or put on the moving cart without occupying much space.

Excellent Hardware Platform and Functional Extension

TK-5770 adopts VIA Eden V4 Processor, To use VIA Eden 1GHz CPU and CN700 chipsets bring excellent system speed execution and best graphic resolution performance. Additional slots benefit functional expansion to create higher add-on value. Built-in smart card reader offers local security and windows logon functions for security control purposes. Optionally equipped with Mini-PCI Wireless LAN card supports IEEE 802.11b/g Wireless LAN connection for wireless application. Six USB 2.0 ports (4 at front, 2 at rear) support USB external device and storage sharing on LAN.

Powerful Performance and Multi-Operation System Support

TK-5770 supports all series of embedded operation system as CE/LX/XP with Termtek own ASCII/ANSI and IBM Terminal Emulation. User can enjoy sharp display with up to 1280 x 1024 32-bit true color resolution also powerful graphic performance with AGP 8X and Video system shared memory from 8 MB to 64 MB. It would be great pleasure to surf on the Internet and to watch video streaming clip via local Internet without delay. Further, officially released CE 5.0 provides users more friendly and easy-to-use interface with twin operation mode support for Desktop/WBT. Our own developed Linux software is equipped with built-in Firefox 1.5 and browser plugin: JVM, Flash, PDF Reader, Real Player profit in different application. Termtek Remote Management Software is the most efficient tool to manage our entire CE/LX/XP embedded thin client simultaneously.

Touch Screen Support and Variety Appliance

TK-5770 also supports touch screen to be applied in different field such as POS, KIOSK, medical (healthcare/hospitality), call centers, transportation facilities that are limited by space on desk or counter. Termtek owns the proud R&D ability to customize software according to customer demand and user requirement. The utmost strength of TK-5770 fulfill the variety application

Key Features:

- 17" LCD integrated all-in-one thin client
- Desktop/Wall-mounted /Arm extension availability
- VIA Eden V4 1GHz up to 1.2GHz CPU speed
- VIA CN700 chipset and AGP performance up to 8X
- Resolution 1280 x 1024 32-bit true color
- Video shared memory from 8MB to max 64MB
- Support DDR memory up to 1GB
- Support USB 2.0 x 6 ports
- Mini PCI Wireless LAN option
- Smart card option
- Operation System: CE.NET, XPe, Linux
- CE and Linux support twin operation mode: Desktop/WBT
- Remote Management tool to control all the clients
- Support USB External storage support and sharing
- Support PXE to boot and recovery system from LAN
- Touch screen option



TK-5770 CE/LX/XP 17" LCD Integrated THIN CLIENT

New generation: All-In-One and Stylish VIA Eden

chipset LCD Integrated Thin Client.



TK-5770 CE/LX/XP Specification

17" LCD Integrated THIN CLIENT



HARDWARE

◎ CPU

VIA Eden V4 CPU 1GHz
(fanless)

◎ DDR RAM

128MB for CE.NET
128MB for Linux
256MB for XPe (expandable to 1GB)

◎ Flash Memory

512KB Bootloader
32MB CF for CE.NET/Linux
64MB CF for Linux Plug-in
256MB CF for XPe
(expandable to 4GB)

◎ LCD DISPLAY 17"

- 1280x1024 32-bit true color,
- Display Pitch: 0.264(H)*0.264(V)mm
- Display Area: 337.9(H)*270.3(V)mm
- Viewing Angle: 160degree(V)
160degree(H)
- H Frequency range: 31~75KHz
- V Frequency range: 50~75Hz
- Contrast: 450:1
- Brightness: 300cd/m2

◎ Display and Audio

Resolution

1280x1024x32-bit true color, up to 75Hz
1024x768x32-bit true color, up to 75Hz
800x600x32-bit true color, up to 75Hz
640x480x32-bit true color, up to 75Hz

Video Memory

Share System memory 8MB to 64MB
AGP 8x

Audio

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

◎ Input/Output/Peripheral

One serial ports, RS-232C compatible,
DB9M connector, baud up to 115.2K bps
One parallel port, DB25F connector, bi-
directional centronics-compatible and
locally printable.

Analog VGA video output, DB-15
connector.

Six USB 2.0 ports, for floppy disk drive,
mouse, CD-ROM, hard-drive, etc.

Two PS/2 ports for mouse and keyboard.
One SATA connector

◎ Networking

10/100 Base-T Fast Ethernet twisted
pair (RJ-45)

◎ Expandable Options

Smart Card Reader for security-use in
client-end

Mini PCI wireless LAN

◎ Operating System

- Microsoft Windows CE.NET 5.0 (CE)
- Linux Kernel 2.4.31 (LX)
- Microsoft Windows XP Embedded
with Local Windows desktop
interface (XP)

◎ Software Feature

CE.NET

MS RDP5.5.2 / Citrix ICA 9.0
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
Twin Operation Mode Support (Desktop/WBT)

Linux Embedded

TCP/IP with DNS, DHCP, TK-RM Agent
MS RDP 1.4.1/Citrix ICA 9.0/X11R6.
Firefox 1.0, Browser Plug-in (64MB
only): Sun Java 1.4.2, Macromedia Flash
player 7.0, Acrobat PDF reader 5.09,
Real Player 8.0 (option)
Password-protected setup
Compressed read-only file system
NFS file system support
LPR/LPD Ghostscript print support
Thin Print Support, VNC support
USB External storage support and sharing
Desktop/WBT skin selectable

XP Embedded

MS RDP5.2 / Citrix ICA 9.0
Microsoft Internet Explorer 6.
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
DJAUI(Device Update Agent),
USB Printer Support
Map Network storage function
PNAgent
File Sharing (Support USB Floppy,
CDROM, HD)
System Recovery

◎ Terminal Emulation

ASCII/ANSI Emulation

ASCII/ANSI Emulation°G
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 Presentation Server
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)

◎ Power Requirement

12 V/ 5 A DC adapter

DIMENSIONS AND WEIGHT

◎ LCD terminal (physical)

370mm (L) x 185mm (W) x 371mm (H)

◎ PACKAGE

Gift box: 1 pcs/per box

459 mm (L) x 200mm (w) x 397 mm (H)
NW: 6 KG; GW: 7 KG

Carton: 2 boxes/per carton

476 mm (L) x 418mm (w) x 424 mm (H)
NW: 14KG; GW: 15 KG

ORDERING INFORMATION

TK-5770 CE/LX/XP

-S: Smartcard Reader

-W: Wireless 802.11b/g (Mini PCI)

-T: Touch screen



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