

JRC TK-3756



Eco-friendly thin client appliances



Compact size, space and energy saving with VGA and DVI video ports

JRC TK-3756 thin client is compact size, space saving and easy to accommodate at any locations with built in features typically found in larger size thin clients. The thin client is a secured network device that System Administrators control what connections, applications, and data access are allowed to centralized servers where they reside, which prevents data theft. With power consumption typically 12-15 watts, compared to a desktop PC usually 4-5 times greater, the thin client presents an energy saving, eco-friendly alternate. The removable foot stand makes thin client flexible in various positions including vertical, horizontal and LCD panel mount with the optional VESA mounting kit with the look of an ALL-IN-ONE. The special cap design on the housing of JRC TK-3756 makes it unique and extremely convenient to access the flash and RAM. Users can easily swap the compact flash or expand the RAM size quickly to evaluate different software and applications. The hidden COM port located on the side via access panel is available for legacy devices when necessary.

Key features of the JRC TK-3756 hardware platform are the VIA CN700 chipset, DDRII 667MHz RAM, four USB 2.0 ports (two-front, two-rear), VGA/DVI ports for dual display support, and RTL 8110SC 10/100/1000 Mbps networking RJ45 port which bring excellent system performance and functionality. Embedded OS support includes Win CE, Linux and Win XPE. With the Remote Management software, managing the clients is a snap.

CPU Type	VIA Eden
Processor speed	1.6GHz
Chipsets	CN700 and VT8237R+
Operating system	Microsoft Windows CE 6.0 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 256MB for LX 512MB for XPe (expandable to 8GB for XPe)
RAM (standard)	256MB DDRII for CE6.0 256MB DDRII for LX 512MB DDRII for XPe (expandable to 1GB for CE,LX,XPe)
I/O Ports	1 x COM port , 1 x VGA video output, 1 x DVI video output, 4 x USB 2.0, 2 x PS/2 ports, 1 X RJ-45
Standard Option	■ Metal mounting bracket for VESA ■ Internal USB 802.11b/g Wireless LAN module
Manageability Software	Remote Management 6.0 SP1
Protocols	MS RDP 5.2, ICA 10.0 for CE 6.0 MS RDP 6.0, ICA 10.0 for XPe Rdesktop 1.5.0, 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



JRC TK-3756 mounted on LCD with the look of an ALL-IN _ONE

JRC Technologies

4 Salisbury Drive North, East Northport, NY 11731 TEL: 631-757-5157 FAX: 631-261-2729

E-mail: jriccobono@myjrctechologies.com <http://www.jrctechologies.com>

JRC TK-3756 CE6.0/LX/XPe Specification

HARDWARE

CPU

VIA Eden CPU 1.6GHz (fan-less)

RAM

256MB for CE6.0

256MB/256MB for Linux

512MB for XPe

(expandable to 1GB for CE,LX,XPe)

Chip Set / South Bridge

CN 700 / VIA VT8237R+

Compact Flash Memory

256MB CF for CE

256MB CF for Linux

512MB CF for XPe

(expandable to 8GB for XPe)

Display – Resolution (max)

1680x1050x24 bit 60Hz(LX)

1920x1200x32 bit up to 85Hz (CE,XPe)

(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

I nput/Output/Peripheral

One Com port, DB9 M connector

Two PS/2 ports for mouse and keyboard

One analog VGA video output, DB-15 connector

One DVI connector - Digital only video output

Four USB 2.0 ports(two at front, two at 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 Wireless LAN module

Housing

Plastic case

SOFTWARE

Operating System

Microsoft Windows CE 6.0, XPe SP2 and Linux Kernel 2.6

Software Feature

CE 6.0

MS RDP5.2, Citrix ICA 10.08

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, SNTP

USB devices supported-Floppy, CDROM, HDD, external storage supported and sharing

Thin Print supported, LPD supported,

Go-Global (optional), VNC

TK-Emulation, TK-RM Agent

Office viewer, PDF viewer, Image Update & Backup, User Security control

Smart Card

XP Embedded (service pack 2)

512 MB Standard Package

MS RDP6.0, Citrix ICA 10.0

Microsoft Internet Explorer 7.0, Windows Media Player 6.4, Macromedia Flash Player 9.0

EFW support, DUA(Device Update Agent), PNAgent 10.0

TCP/IP with DNS, WINS, PPP, DHCP and PPPoE, PXE

USB devices support-Floppy, CDROM, HDD,

USB Printer Support, USB Audio support

Modem support, TCP/IP Utilities, VNC

Map Network storage function,

Sun J2RE 1.4.1, Windows Media player 10.0,

DirectX 9.0, Wordpad, Calc, Notepad,

Mspaint, Network Printer (TCP/IP port),Firewall (include file sharing)

MDAC (include Jet Database Engine),

Acrobat PDF reader (Optional)

Linux Embedded

rdesktop 1.5.0, Citrix ICA 10.6,

X11(XDMCP), VNC, NX Client, Tarantella,

Go-Global Client (optional)

Firefox Browser 1.5 (Browser Plug-in: Sun

Java 1.4.2, Macromedia Flash Player 7.0,

Acrobat PDF Reader 5.09, Real Player 10.0)

TCP/IP with DNS, WINS, PPP, DHCP and

PPPoE, PXE, RAS, VPN, WLAN, SNMP Agent

and SNMP MIB II, SNTP, SSH

TK-Emulation, TK-RM Agent Samba/NFS File

System Support, USB External Storage

Support and Sharing

LPR/LPD Print Support, Samba Print

Support, Thin Print Support

COM Port Redirect,

Password-Protected Setup, USB Security

Manager

Compressed Read-only File System, Desktop Mode

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 2003 Server Family + RDP service

Windows XP Pro + RDP service

Windows 2000 Server Family

Windows NT Server 4.0 + TSE

ICA:

Citrix MetaFrame XP+Windows2003

Server Family

Citrix MetaFrame XP + Windows2000

Server Family

Citrix MetaFrame+Windows NT

Server4.0+TSE

Setup and Configuration

Local power-on boot, PXE 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, Config data

distribution,

XPe recover and backup, grouping,

VNC

ENVIRONMENT

Temperature

Operating: 5° to 40° C (41 to 104° F)

Storage: -40° to 60° C (-40 to 140° F)

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

DC 5V/6A external power adapter

Regulatory Compliance

Emissions FCC Class B, TUV, UL/CUL,

CE, BSMI, C-TICK, CB , VCCI

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



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