



## Features

- Completely fanless design – noiseless, dust proof.
- Powerful, cost effective thin client for both standalone and server based operation.
- Linux based Thin Client OS – Thinix Embedded Linux.
- Ruggedised hardware to withstand harsh Indian operating conditions.
- Customised to support the CRIS UTS application.
- Support for Sybase Anywhere, UnixODBC, etc.
- Support for printing of all scheduled Indian languages on a local Dot Matrix Printer using Unicode, ISCII 83 and ISCII 88 encoding standards.
- Rexec, RSH, SSH, Telnet and FTP for remote access.
- Web based remote monitoring and management suite built in.
- Two high speed serial ports.
- One Centronics Parallel printer port.
- Uses Thinvent's secure Thinix Embedded Linux operating system with industry lowest footprint.
- Three years on-site on-call warranty support.



Fastest hardware in the market. Reduce your ticketing time, increase operator performance - Go with Thinvent!!!

## Hardware Specifications

<b>Processor</b>	Intel 2.4 GHz Dual Core processor (fanless) Hardware graphics acceleration through Intel chipset
<b>Memory</b>	DDR3 2 GB
<b>Storage</b>	8 GB Primary SATA Flash 8 GB Redundant SATA Flash
<b>Video RAM</b>	64MB or more, shared with main memory, configurable through BIOS
<b>Display</b>	15.6" LCD display with LED backlight
<b>Resolution</b>	1366x768
<b>Keyboard</b>	107 keys mechanical keyboard, PS/2
<b>Mouse</b>	Optical scroll mouse, PS/2
<b>Networking</b>	10/100/1000 Mbps Auto-Sensing Ethernet LAN Port
<b>I/O Ports</b>	1 x RJ-45 with Network diagnostic LEDs 4 x USB 2.0 1 x USB 3.0 1 x 15-pin VGA connector 1 x HDMI 1 x 9-pin serial (DB-9 male for printer) 1 x 25-pin serial (DB-25 male for host) 1 x 25-pin Centronics parallel (printer) 1 x PS/2 Keyboard 1 x PS/2 Mouse 1 x Power Switch
<b>Indicators</b>	Power On/Off and Disk Activity LEDs.
<b>Power Input</b>	110 ~ 240 V AC, 50 Hz, external SMPS
<b>Dimensions</b>	240 x 60 x 183 mm
<b>Operating Temperature</b>	0 ~ 35 °C
<b>Net Weight</b>	1.40 kg
<b>Gross Weight</b>	2.30 kg
<b>Construction</b>	Vertical
<b>Compliance</b>	Self certified RoHS BIS IS 13252 (Part 1) : 2010 FCC Part 15 Class B
<b>Power Consumption</b>	About 30 Watts (includes thin client, monitor, keyboard, mouse)

Specifications are subject to change without prior notice.



## Front Panel



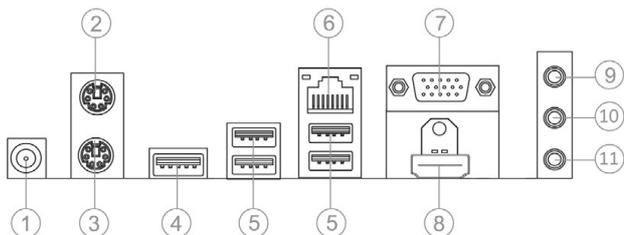
On the left side, from top to bottom:

- DB-25 female Centronic parallel printer port.
- DB-25 male RS-232C serial port for host connectivity.
- DB-9 male RS-232C serial port for printer.

On the right side, from left to right:

- Power switch.
- HDD activity LED
- Power LED.

## Rear Panel



<b>1</b>	Power in	<b>7</b>	VGA Port
<b>2</b>	PS/2 Mouse	<b>8</b>	HDMI Port
<b>3</b>	PS/2 Keyboard	<b>9</b>	Line in
<b>4</b>	USB 3.0 Port	<b>10</b>	Line out
<b>5</b>	USB 2.0 Ports	<b>11</b>	Microphone
<b>6</b>	LAN Port with link and activity LEDs		

## Software Specifications

**Emulation** VT100, VT220 and VT320 emulation.  
Serial and Telnet over LAN.  
Forms downloading.

Answer back over telnet (disabled by default).

No programmable function keys.

1D and 2D Barcode printing through escape sequence.

RFID Smart Card I/O through escape sequence.

Multi session and multi host support.

**Printing** ASCII, ISCII 83 and ISCII 88.

Dot matrix, thermal and laser printer.

Bi-directional printing.

Indic language printing.

**USB Storage** USB Storage class disabled by default.

Storage class can be enabled through admin menu (password protected).

**Networking** Telnet, ftp, rsh, rexec, scp, ssh, cron, rlogin, PPP.

TCP/IP with DHCP and DNS.

**Operating System**

Thinix Embedded Linux

Linux kernel version 2.6.32

OS size 200 MB (includes kernel, libraries, emulation, JRE 1.7 and Indic software).

Drivers for display, printer and networking hardware.

Password protected local terminal configuration utility.

**Software Support and Compatibility** SAP Sybase ASA version 10 and above (license not included).

Supports CRIS UTS and SMC local applications in C, C++ and Java.

VT100, VT220 and VT320 emulation.

Indic language printing support.

Simultaneous execution of UTS application, SMC application, PRS application, and multiple terminal emulation sessions.

Application switching through hot keys.

Automatic application startup.

**Remote Management** Password protected remote administration utility for centralised management.

Updates and patches to OS and applications can be centrally and remotely deployed to all thin clients.

Centrally control networking, power and restart settings.

**NMS** SNMP v1 and v2, MIB-I and MIB-II.

Hostname, MAC address, OS version.

