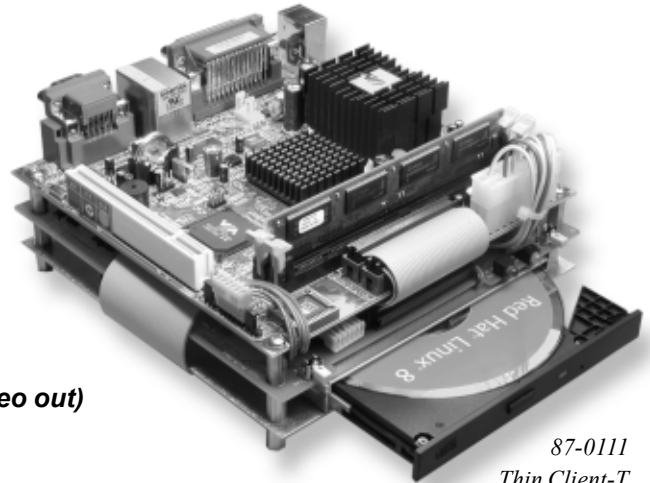


Thin Client-T

- **8V DC to 30V DC Input power**
 - Optional placement of (2) DC supplies in series
- **Watchdog Timer**
- **(2) Onboard Compact Flash slots**
 - Acting as IDE Hard Drives
 - Either slot configurable as Master or Slave
- **VIA EPIA Mini-ITX Mainboard provides:**
 - 533MHz Eden ESP 5000 (x86) microprocessor
 - Up to 1 GB of SDRAM (128M standard)
 - (2) USB ports, (1) Serial port, (1) Parallel port, (1) PCI Slot
 - Audio (In, Out, Mic) and TV support (NTSC/PAL and S-Video out)
 - VGA (up to 1024x768), Keyboard and Mouse support
 - Supports DOS, Linux, Windows OS's
 - 10/100 Ethernet port with RJ45 jack
 - Quiet, Low-Power Consumption Operation
- **IDE 2.5" Hard Disk Drive 20GB**
- **Slimline 24x CD-ROM Drive**
- **Power and Reset push buttons, Status LEDs**
- **Optional Rugged Sheet Metal Enclosure**
- **Dimensions 7.4" x 6.8" x 3.3"**



87-0111
Thin Client-T



89-0111
Thin Client-T
w/ Enclosure

JK microsystems' *Thin Client-T* adapts one of the industry's smallest, most highly integrated Mini-ITX motherboards into a flexible and reliable computer platform for embedded engineers, OEMs and consumers alike.

Built around the popular Mini-ITX motherboard, the *Thin Client-T* system operates like a desktop PC with superb multimedia, operating system and device support, while also including a power supply, storage options and hardware features ideal for embedded environments.

The *Thin Client-T* combines the powerful VIA Technologies mainboard with an efficient 8-30V DC input power management system, push buttons for power and reset, status LEDs, two onboard IDE Compact Flash slots (treated as hard drives) and a Watchdog timer. The system also includes a preinstalled 24x Slimline CD-ROM and a 2.5" IDE Hard Disk Drive.

The *Thin Client-T* provides a solution with versatile connectivity and hardware features, while giving developers the flexibility of implementing a variety of operating systems. The system can be tailored for a variety of applications including: data acquisition, industrial PCs, network computing, desktop management, information appliance, point of sale systems, video conferencing, multimedia and Voice over IP (VoIP) systems.

Accessory Kit for Thin Client-T (97-0111) includes VIA Technologies manual & CD w/ drivers, CD w/ Thin Client manual, AC adapter. (220Vin Accessory Kit 97-1111 available)

JK microsystems, Inc.

1403 5th St. Suite D, Davis, CA 95616
<http://www.jkmicro.com>

Phone (530)297-6073
Fax (530)297-6074

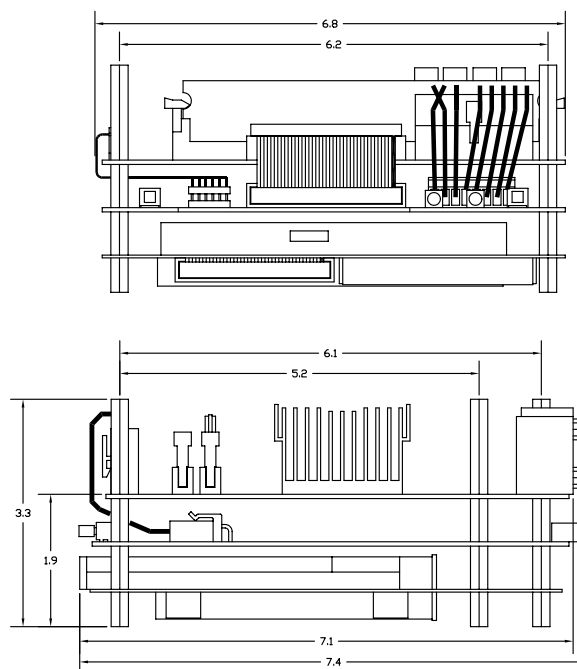
Thin Client-T

Specifications

| | | | |
|----------------------|--|--------------------------|---|
| <i>Processor</i> | 533 Mhz VIA Eden | <i>Other</i> | PS2 keyboard |
| <i>Memory</i> | 128M SDRAM (expandable to 1G) | | PS2 mouse |
| <i>Storage</i> | (2) Compact Flash slots Slimline CD-ROM, 24x Hard Disk Drive, 2.5", 20GB IDE | | Real-Time Clock/Calendar |
| <i>Ethernet</i> | 10/100 Mb, RJ-45 Connector with Link status and Activity LEDs | | Power Status LED |
| <i>Serial Port</i> | RS-232 COM1 | | IDE Activity LED |
| <i>USB</i> | (2) Ports USB v1.1 & HCI v1.1 compatible | <i>Input Voltage</i> | 8-30V DC |
| <i>Parallel Port</i> | EPP/ECP compliant | <i>Power Consumption</i> | 15-45 Watts |
| <i>VGA</i> | 1024x768 resolution Trident Blade 3D core | | (configuration and activity dependent) |
| <i>TV-Out</i> | 640x480, 800x600 NTSC/PAL TV S-Video or RCA Video output | <i>Humidity</i> | 5 - 90%, non-condensing |
| <i>Watchdog</i> | 15 second timeout period System powercycle on timeout Timer resets with IDE activity LED | <i>Temperature</i> | 32 to 122 °F (0 to 50°C) |
| | | <i>Weight</i> | 35 oz (992 gm) |
| | | <i>Dimensions</i> | 7.4" x 6.8" x 3.3" 7.4" x 7.1" x 3.5" with enclosure |

Options

- Enclosure - wall mountable with cooling fan
- MiniLinux bootable compact flash with source
Slackware 9.0 with BusyBox
Webserver, PPP, Perl, DHCP, MP3 player



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