S435
Pentium III Server

Building World-Class Products For Data Centers

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(800) 829-0550

TECHNICAL SPECIFICATIONS: S435 (FC370-651X)
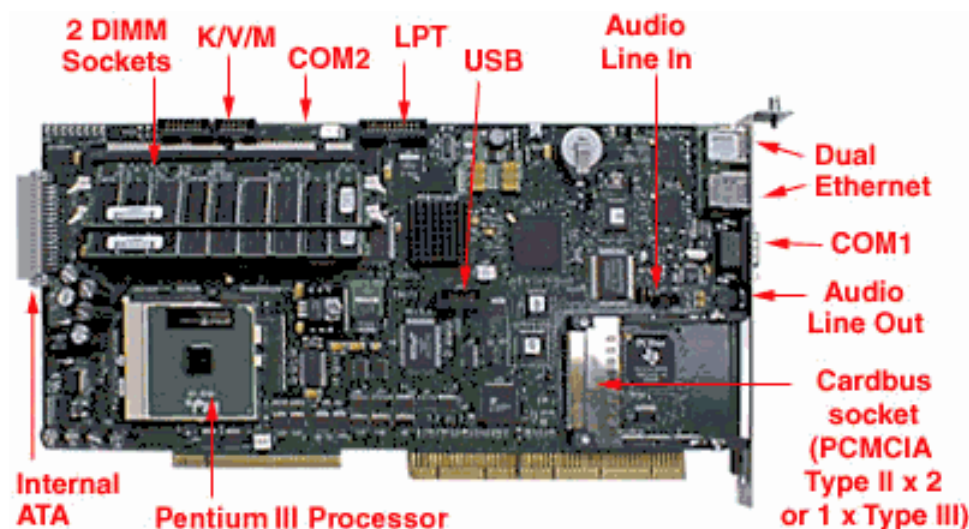
The new S435 processor board for Density Series features a CardBus interface supporting two Type II or Type III PCMCIA cards. This new interface greatly enhances the communication capabilities of the S435.

With the growth of the wireless market and higher adoption rates of mobile users, the need to test new products and configurations to support this growth market is critical. The S435 in the Density Series is a terrific platform for a test lab environment with the ability to simulate multiple laptops in a single 7U chassis. Using actual laptops is more expensive and difficult to manage - not to mention that they tend to "walk away".

By adding third-party cards, users can enable wireless networking. It is even possible to build a "wireless bridge" between wireless users and the hard wired LAN by utilizing the integrated Ethernet ports of the S435 with a wireless networking card.

Remote communications such as remote control is easy to add to the S435 by adding a modem card and remote control software. Long distance server control is more easily deployed using the CardBus interface.

Solid state drives can help ease concerns of the relatively higher failure rates of hard drives. Deploying a solid state CardBus drive in the S435 eliminates moving drive parts and improves the computer's reliability.

 Submit a configuration request or call a Cubix representative for assistance in creating a configuration that best fits your project needs.

Intel® Processor	Supports Intel Pentium® III 700MHz, 750MHz, 800MHz, or 850MHz processor
Front-Side Bus	100MHz bus
L2 Cache	● 256KB Full Speed w/Pentium III

System Chip Set	Intel 440BX
ECC Memory	64MB ECC SDRAM - Speed: PC-100MHz - Type: 72 Bits ECC Unbuffered or Registered (cannot be mixed type) - Slots: 2 - Maximum: 2 x 256MB DIMMS
Peripheral Bus	PCI
System BIOS	AMI BIOS
Super Serial I/O	- SMC FDC97W352 - Com 1 on end bracket - Com 2 on header (Ext. break out optional part #DSPCOM2) - UART 16C550 Compatible 1.5Mbps Maximum
Universal Serial Bus	Dual ports (requires top hat module part#AIC2USB-DFF)
Parallel Port	LPT 1 available on header (Ext. break out optional part #LPT-DFF)
Ethernet Ports	- Dual Integrated RJ-45 10/100 Base TX - Intel 82559 Controllers
Video VGA Support	- S3 Savage 4 chip set 8MB Video RAM
Audio Support	- Cirrus Logic CS4281/CS4297A chip set - Line Out on end bracket (mini stereo plug) - Line In (requires optional top hat module part # AIC2USB-DFF)
Video/Keyboard/Mouse	Board header (individual ext. break out optional part #DVKMB3)
CardBus Support	- Slots: Two (on end bracket) - Type: 32 Bit Slots - Chip Set: TI PCI1251B