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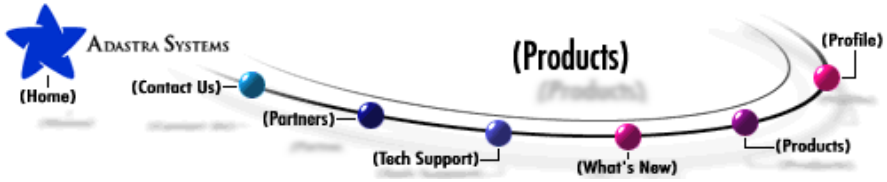
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Find the *Adastra Systems NPC-486* at our website: ***Click HERE***

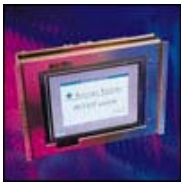


NPC-X86



EMBEDDED TECHNOLOGY SOLUTIONS

Adastra Systems' premier single board computer, the NPC-486, is a complete PC/AT integrated on a small 5.75" x 8" form. It comes with all PC/AT I/O: IDE, floppy, serial, parallel, keyboard, and mouse. And, to complete the truly single-board solution, it offers on-board VGA and Ethernet interfaces. Expansion is accomplished with the PC/104 mezzanine bus. The NPC-486 includes other embedded features such as 0° to 70°C operating temperature, solid state disk, and watchdog timer. The NPC-X86 family of single board computers offers a seamless performance upgrade path from 80386 SX to 80486 DX4 in the same form factor.



FLAT PANEL/CRT VGA INTERFACE

VGA is the de facto standard display adapter for the PC/AT, and Adastra Systems' single board computers include VGA on-board. The high performance local bus design is fast, powerful, and capable of driving flat panel displays as well as CRTs. It supports Super VGA resolution and color combinations. The flat panel support has been designed to facilitate the use of these sophisticated but complex displays, and includes the bias voltages and power sequencing control for LCD panels. The design is backed by over 50 years of combined expertise in flat panel technology.



NETWORK SYSTEMS

Network communication between nodes is essential in embedded systems today. Adastra Systems' single board computers take that to heart and include an on-board Ethernet interface. Based on the high performance Novell NE2100 network interface standard, it is nearly 50% faster than the NE2000 network interface. It is supported by all major network operating systems and many of the real-time operating systems available for the PC/AT.



INDUSTRY STANDARD PERIPHERALS

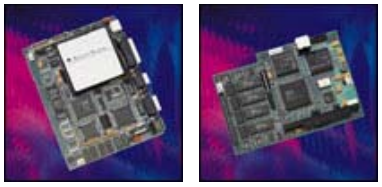
Adastra Systems offers other peripheral adapters for the PC/104 bus. These peripherals, like those integrated on the single board computers, are based on industry standards and are designed to be compatible with the large base of PC/AT software. The SCSI-104 adapter, for instance, is based on the AHA 1520 SCSI-2 from Adaptec. This adapter includes Adaptec support software and drivers.

CUSTOMER SUPPORT

Systems designers today are faced with a vast amount of information and technology to absorb and process to complete their task. Adastra Systems recognizes this and has made its expertise and information readily available to its customers. We have a knowledgeable and helpful staff willing to offer support. It is our policy to give customers access to the actual designers and engineers of all our products. We feel this benefits us both - the customer gains access to high quality technical support, and our engineers keep in touch with the users of their designs.

OEM SUPPORT

NPC-X86 single board computers are the nucleus of a family of products and services offered by Adastra Systems to the OEM designer. The NPC-X86 is an excellent platform to build on. Adastra Systems offers additional building blocks such as PC/104 peripherals, and support software to complement the single board computers. Adastra Systems also offers custom designs, leveraged from the technology of the NPC-X86 and its support products, as well as the exceptional engineering design skills of the staff.



ADASTRA SYSTEMS QUALITY

Adastra Systems products provide the OEM designer with reliable, industry standard platforms and peripherals upon which to build. Made in the U.S.A., Adastra Systems products stand up to the most stringent inspection and quality assurance requirements. And, Adastra Systems guarantees product consistency and availability.

MARKETS AND APPLICATIONS

The NPC-X86 family has an installed base which spans many markets, from small volume, specialized scientific applications to large volume commercial applications. Adastra Systems' customers include Fortune 500 companies, government research facilities, and renowned design consultants.

ADASTRA SYSTEMS

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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