

Product Announcement

[SOM-4470 Pentium® III SOM-ETX w/VGA, LCD, Audio, Video & LAN](#)

With a fanless, low power Pentium® III processor, a rock solid 440BX system chipset, and an Intel 82559ER Ethernet chipset, the SOM-4470 can support the most demanding embedded applications. Used in conjunction with an easily designed customer solution board, the SOM-4470 can be quickly utilized for video and data intensive applications that need power and speed. ([read more...](#)).



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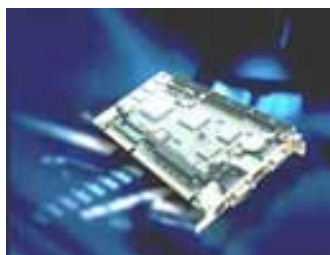
Fax: 886-2-2218-3875

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Announcement

[Advantech Introduces New PCA-6740](#)

Advantech's new PCA-6740 is a half-size ISA bus SBC with an onboard, embedded, low-power 133 MHz STPC Elite processor. Other onboard features include a VGA/LCD controller for 24-bit LCD TFT display and an optional 10/100 Mbps PCI Ethernet interface. ([read more...](#))



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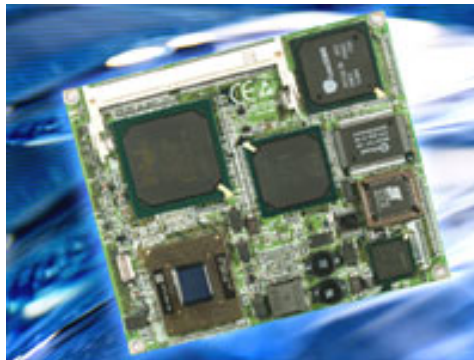
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SOM-4470 Pentium® III SOM-ETX w/VGA, LCD, Audio, Video & LAN

With a fanless, low power Pentium® III processor, a rock solid 440BX system chipset, and an Intel 82559ER Ethernet chipset, the SOM-4470 can support the most demanding embedded applications. Used in conjunction with an easily designed customer solution board, the SOM-4470 can be quickly utilized for video and data intensive applications that need power and speed. One of the smallest Pentium III fanless solutions on the market today, this module gives developers a platform that accelerates their development time, while maintaining the capability, performance and durability of the application.



The SOM-4470 supports 3D audio, and complies with the AC97 standard, and has a 3D engine VGA/LCD controller that supports DVD play. The small, all-in-one SOM-4470 module combines audio, TV-out, and network functions. The TV-out function supports NTSC and PAL formats. High computing power and strong multimedia capability combined with low power consumption make the SOM-4470 suitable for many applications such as mini-servers, kiosks, and advertising displays.

FEATURES

High performance and low power consumption :

Onboard Intel low power Pentium ® III processor 500 MHz, or Celeron™ 400Mhz processor.
Board supports Intel BX chipset.
System memory up to 256MB.

Strong multimedia capability :

- On board SMI Lynx 721 2xAGP with 8MB SDRAM frame buffer, VGA support, TV out, and 24bit LCD panel function.
- On board ESS 1989 (Allegro) Sound Blaster compatible audio controller, supports Speaker out, Line-in, Line-out, and Microphone.

High-performance networking capability:

On board Intel 82559ER, supports 10/100 Mbps Ethernet (transformer on customer solution board)

Compact size : Dimensions (L x W): 95 mm X 114 mm (3.7" x 4.5")

Available date: Beginning of October, 2001

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ORDERING INFORMATION

SOM-4470F-J0A1: SOM-ETX w/Celeron-400, VGA/LCD, LAN, Audio & TV

SOM-4470F-L0A1: SOM-ETX w/PIII-500, VGA/LCD, LAN, Audio & TV

SOM-FANKIT-1000: Fan Kit for SOM-ETX module

SOM-DB4400: Development Board for SOM-ETX

Contact Information

For more information about the SOM-4470, SOM series, or any other Advantech products, please contact your nearest Advantech representative or look at our website at <http://www.advantech.com.tw/som> or send us an e-mail to epc@advantech.com.tw .

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Announcement

Advantech Introduces New PCA-6740

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With this board, system engineers will now be able to upgrade their 386-based systems to 486 level with increased confidence, partially because a 486 level STPC Elite processor is mounted directly on the board. Mounting CPUs directly on board eases configuration and installation because there is no need to set any jumpers for speed or voltage differences between various CPUs. In addition to ease of configuration, the STPC Elite 133 MHz low-power CPU has been specially designed to work well in environments with temperatures up to 60°C without need of a fan. Eliminating the CPU fan significantly reduces MTBF, and increases application possibilities.

Why customers choose PCA-6740

- 1. Fanless operation:** Traditional 486 CPU SBCs usually have a heatsink/fan module. Once the fan breaks down, the machine fails without notice.
- 2. Onboard 32 MB SDRAM:** Better than the usual SIMM memory on most 486 SBCs, which is both expensive and hard to find. If the onboard 32 MB SDRAM is not sufficient, an optional 144-pin SODIMM SDRAM socket is available as an add-on.
- 3. High performance/price ratio:** Giving the most performance for the money has always been a high priority for the PCA-6740 SBC.
- 4. DOC and CompactFlash™:** DOC 2000 is always onboard, and CompactFlash™ Type I/II is optionally available for added application flexibility.

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Potential applications

1. PC-based machine controller, e.g., CNC machines
2. Office automation equipment

Available date: End of September, 2001

Ordering Information

PCA-6740F-00A1: Elite 133 ISA bus half-size CPU card with 32 MB SDRAM/VGA/LCD/LAN/DOC/RS422/RS485/PC104

PCA-6740L-00A1: Elite 133 ISA bus half-size CPU card with 32 MB SDRAM/VGA/LCD/DOC

Contact Information

For more information about Advantech's PCA-6740, please contact your nearest Advantech representative, or look at our website at <http://www.advantech.com.tw/epc> or send an e-mail to epc@advantech.com.tw

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