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[Advantech eliminates cumbersome cables and gives you compact flexibility!](#)

Advantech brings customized convenience to you as it releases it's new and unique POS-7671. This breakthrough combination of uniquely flexible I/O connectors arrangements, compact biscuit (EBX) form factor and optimal Pentium III and Celeron processor performance, gives you endless options and allows you to design a system that suits you perfectly.



New Product

[Web-2000 All-In-One StrongARM® Processor Controller](#)

Advantech's new WEB-2000 is an all-in-one RISC StrongARM™ processor-based controller that brings you traditional x86-like I/O ports yet without the high power consumption.



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New Product

Advantech eliminates cumbersome cables and gives you compact flexibility!

Advantech brings customized convenience to you as it releases its new and unique POS-7671. This breakthrough combination of uniquely flexible I/O connectors arrangements, compact biscuit (EBX) form factor and optimal Pentium III and Celeron processor performance, gives you endless options and allows you to design a system that suits you perfectly. Be your needs in POS transactions, system integration, multimedia or the medical profession, Advantech's POS-7671 gives you the options you need.



Flexibility and Performance Like No Other

Featuring a newly developed flexible I/O arrangement of connectors that eliminates bulky cables, the POS-7671 uses 2, 64-pin I/O including Ethernet, Audio, USB, D I/O, serial and parallel ports. The POS-7671 is completely PC-compatible and, with its ability to be installed in almost any position, it allows you to save precious space and design a system to suit your needs. This means fewer peripheral's cables and connections getting in the way of your ideal set-up. No competitors can offer this kind of flexibility combined with excellent performance.

The POS-7671 uses a Biscuit (EBX) form factor making it more compact than any product on the market with similar features. What's also remarkable about it is its Intel Socket 370 based Pentium III and Celeron processor control board which provides excellent performance and makes it ideal for applications in high-end multimedia or demanding POS interactions. This small size, combined with the flexible I/O connector arrangements and superior performance, elevates Advantech's product well above its competitors.

For easy reference, below is a list of features:

- Two 64-pin flexible I/O arrangement connectors including Ethernet, Audio, USB, DI/O, serial and parallel ports
- All-in-one design simplifies system integration and increases system stability
- Socket 370 for Pentium® III processors that utilize 133/100 MHz front side bus speeds and Intel Celeron™ processors up to 500 MHz
- On-board POS features such as 4 x RS-232 and 2 x USB interfaces for controlling cash drawers, barcode reader and other external peripherals
- 10/100Base-T with RJ-45 connection for the most demanding networking environment

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- Optional AC97 3D surround stereo sound with speaker out, CD-input, line-in and microphone for complete multimedia capability
- Special industrial features not found on conventional motherboards include watchdog timer, SSD and CMOS EPROM backup
- 8 digital-in and 8 digital-out provided.
- Standardized biscuit form factor dimension for easy installation within standard sized chassis
- Supports up to 48-bit XGA high resolution LCD, as well as CRT VGA at 4 MB display memory
- Supports Wake-on-LAN, Modem
- Supports LCD backlight turn-off function

Satisfying Your Needs

This product was developed with your high demands in mind. Advantech recognizes the importance of having a durable, reliable, compact and high performance product in your applications and this is why we've created the POS-7671. At Advantech, our valued clients are our most precious resource, so when you voice a need, we respond by creating quality, state-of-the-art products such as this. And with over 15 years of R&D, service and manufacturing experience, you can count on us.

Contact Information

For more information about the POS-7671 or any other Advantech embedded products contact your nearest Advantech representative or e-mail us at epc@advantech.com.tw today.

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New Product

New WEB-2000 StrongARM® Controller

Advantech's new WEB-2000 is an all-in-one RISC StrongARM® processor-based controller that brings you traditional x86-like I/O ports yet without the high power consumption. The WEB-2000's total power consumption is below 5 W, a full quarter that of a standard x86 system. This allows the WEB-2000 to operate up to 70° C (158° F). In addition to its impressive hardware, Advantech's software dependability is derived from the MS WinCE 3.0 operating system, which allows us to customize this device for customer needs and allows our customers to immediately execute their applications.



Advantech's new WEB-2000 controller

Applications

The WEB-2000 is primarily for medical appliances, serving as a controller in hospital environments. Additional applications make it ideal as industrial controllers, security systems, home/building automation, factory automation, laboratory instrumentation, and more, especially in harsh environments such as high temperature settings. At Advantech, we realized the need for a powerful web controller with a low power consumption and rugged design. Therefore, we designed RISC-based technology for portable devices which can withstand great heat while using less battery energy and at less cost.

Product

The WEB-2000 comes equipped with 16 MB SDRAM, a 10 Base-T Ethernet interface, two DB-9 RS-232 ports and one RS-485 serial port. There are six digital input and six high drive digital output ports, VGA out and a 24 VDC Phoenix power input.

The WEB-2000 will be released for mass shipping on May 15th, 2001.

Summary of Features and Specifications of the WEB-2000

- Uses StrongARM® CPU w/ 16MB Flash and 16/32MB SDRAM on board
- Communication ports: Ethernet, RS-232, and RS-485
- High resolution VGA display
- WinCE OS 3.0 with SDK ready
- Lower power consumption (5W) and higher operating temperature (70° C)

Ordering Information

- WEB-2000-1100 (SDRAM 16 MB) Available Now
- WEB-2000-3000 (SDRAM 32 MB) Available in June

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For more information about our products, please contact your nearest Advantech representative or look at our website at:

<http://www.advantech.com.tw/products/WEB-2000.asp>

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