

Announcement

EH-3051: Communication Manager Server -- PCM-5820, PCM-5822, and PCM-5824



The EH-3051 platform is built for applications such as SOHO e-mail/FTP/Web server, SMS message exchange server, GPS application control center, public display management, remote monitoring management and so on.....([read more](#))

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EH-3052: SOHO Security Gateway/Server w/ 2 LAN and 2 USB -- Using PCM-5823 as the core



The EH-3052 is perfect for acting as a **24/7 Firewall, Router, DHCP server, email server, or Web server** in the small or home office. ([read more....](#))

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ECG SOM+DTOS Brochure New Version is coming



Don't know how to introduce Advantech System on Module (SOM) with Design to order service (DTOS) items to your customers? The best marketing promotion material- Introduction to Advantech Global Customization Service for eWorld Computing Platform (SOM+DTOS brochure) is ready to solve your problem now !..... ([read more..](#))

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Taking advantage of the performance and popularity of the PCI bus, PCI-6870 supports any of hundreds of readily available add-on cards, such as IEEE 1394, and built-in AC'97 audio capability means that this SBC can handle all the ([read more..](#))

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EH-3052 SOHO Security Gateway

Features

24/7 Firewall, Router,
DHCP server, email server, Web server.
One RS-232 COM, Dual USB connectors.



Advantech's *EH-3052 SOHO Security Gateway* platform, featuring a rock solid, fanless design, makes a perfect **24/7 Firewall, Router, DHCP server, email server, or Web server in the small or home office.**

Features

The EH-3052 employs an onboard Pentium-compatible NS GX1-300MHz or 233MHz CPU, with optional system memory up to 256MB, and **dual 10/100Base-T Ethernet ports**. One of these ports can connect to WAN, to the Internet, and the other can connect to a SOHO LAN intranet. The EH-3052's CRT connector, **dual USB connectors** and one (optionally two) **RS-232 COM port** provide interfaces for extra storage, control and communication. Also, the EH-3052 is equipped with a **compact, durable case** whose size is only 228 x 44 x 146 mm (5.75 x 1.73 x 8.98 inches).

Customization

In addition to capacities as a SOHO gateway and server, the EH-3052 chassis can be **customized** to fulfill a variety of product application requirements.

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SPECIFICATIONS

- CPU : Onboard NS GX1-300 or GX1-233 processor
- BIOS : AWARD 256 KB Flash memory
- Chipset : NS CX 5530
- System Memory : One 144-pin SO DIMM socket accepts up to 256 MB SDRAM
- Storage : One 2.5" HDD drive option and one Compact Flash option
- I/O : 1 x VGA, 1 x RS-232 port (1x RS-232 internal pin-head), 2 x RJ-45 LAN port, 2 x USB port
- Ethernet Chipset : Intel 82559 or RealTek 8139C
- Watchdog timer : Software enable/disable at 1.6 second intervals
- PC/104 expansion : 104-pin 16-bit PC/104 module connector
- Operating temperature : 0 ~ 40 (32 ~ 104)
- Power supply : AC/DC power adapter, DC 5V input
- Storage temperature : -20 ~ 75 (-4 ~ 167)
- Operating humidity : 5 ~ 95% @ 40 , non-condensing
- Storage humidity : 5 ~ 95%
- Dimensions : 228 mm x 44 mm x 146 mm (W x H x D)

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EH-3051 Communication Manager Server

Features

PCM-5820, 5822, 5824

10/100Base-T Ethernet port



Advantech's *EH-3051 Communication Manager Server* platform with rock solid, **fanless** design is built for applications such as SOHO e-mail/FTP/Web servers, SMS message exchange servers, GPS application control centers, as well as public display management and remote monitoring management, and the list goes on.

Features

The EH-3051 employs an onboard Pentium-compatible NS GX1-300MHz or 233MHz CPU, and optional system memory up to 256MB; it is an x86 system that allows software developers to deploy applications with simplicity and ease. It provides one **10/100Base-T Ethernet port** for Internet connection, two serial ports (RS-232/485/422) for communication with devices such as modems or management consoles, one CRT connector for display, and one PS/2 connector for keyboard/mouse/IR devices. Also, the EH-3051 comes equipped with a **compact, durable case** whose size is only 228 x 44 x 146 mm (5.75 x 1.73 x 8.98 inches).

Customization

For different applications, the EH-3051 may carry a 2.5" hard drive, a CompactFlash, and/or 144-pin SODIMM system memory, all with various capacities. Installation can be done easily, either when the EH-3051 is in production at Advantech or when it arrives at your local agent's. Most notably, the EH-3051 chassis can be **customized** to fulfill a variety of different product requirements.

Ordering information:

- **CPU:** On-board NS GX1-300/233 MHz processor
- **BIOS:** AWARD 256 KB Flash memory

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- **Chipset:** NS CX5530
- **System Memory:** One 14-pin SO-DIMM socket. Accepts up to 128 MB SDRAM
- **Serial ports:** One RS-232, one RS-232/422/485
- **Watchdog timer:** Software enable/disable, 1.6 second intervals
- **Keyboard/mouse connector:** Mini-DIN connector for keyboard and PS/2 mouse
- **Power management:** APM 1.1 compliant power management
- **Dimensions:** 228 mm x 44 mm x 146 mm (W x H x D)

Note: EH-3051 system accepts Advantech 2.5" Biscuit SBCs: **PCM-5820**, **PCM-5822** or **PCM-5824**.

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This 22-paged full color of new printed version SOM+DTOS brochure is highly appreciated by many customers and the sales people to understand our SOM and DTOS. Different from preceding SOM brochure, the brand new SOM+DTOS version has more information featuring the software solution and service to meet the needs of the embedded application and customized marketplace.

With this new brochure, ECG Group hopes to get the customers products to the market easier and faster.

Now the SOM+DTOS brochure is ready to take your order, why not contact your Advantech OP immediately!

Ordering Information

ECG SOM+DTOS Brochure	
Price	US\$1
Pages	22
Dimension	21(W)7 x 282(H) mm
Packing	100 pcs. / sheaf
P/N	2011005630

Contact us for more Information

E-mail us at PM.DTOS@Advantech.com.tw today, if you have any questions or comments.

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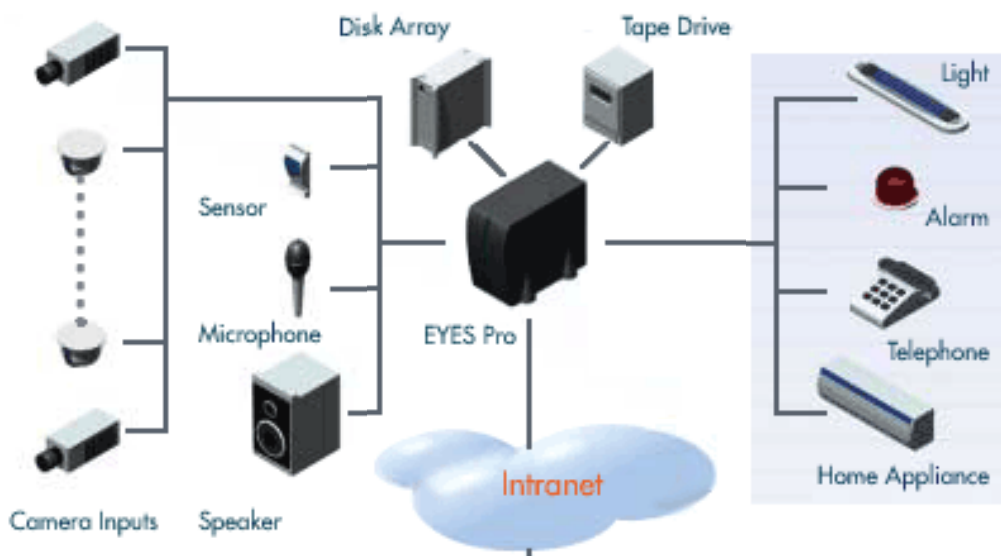


PCI Socket 370 Half-sized SBC with VGA, Ethernet and SSD

Introduction : Put a half size PCI-bus CPU card together with a video capture card, and you get a small yet powerful digital video engine that can power anything from remote surveillance to DV archiving. Or attach network cameras to an existing LAN system to leverage existing infrastructure and lower the total cost of ownership. Unlike traditional CCTV cameras that require special cabling, network cameras connect either directly or wirelessly into exist-ing data networks to make images accessible wherever required.

Great Flexibility

Taking advantage of the performance and popularity of the PCI bus, PCI-6870 supports any of hundreds of readily available add-on cards, such as IEEE 1394, and built-in AC'97 audio capability means that this SBC can handle all the audio the law allows, too. Two IDE channels are supported, for a total of four devices—two ATA100 devices, plus two more at ATA33. Ethernet capability is also built-in, for LAN and Internet connectivity. For easy maintenance and upgrade of unmanned systems, the PCI-6870 can boot from USB. Socket 370 allows for a range of CPU choices all the way from low-power fanless, to hefty 1.26GHz CPU powerhouses, and high capacity, cost effective memory is provided through a 168-pin DIMM socket.



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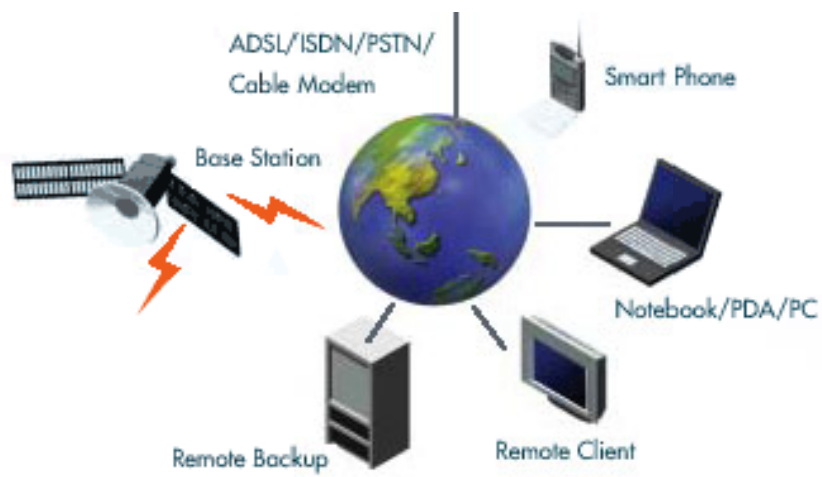
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Security Surveillance



The PCI-6870 features in a myriad of surveillance systems, from building and parking lot security, to monitoring restricted access areas in warehouses and airports, patrolling national borders, providing secure perimeters around bases and embassies, to scanning urban battlezones for sniper activity. The PCI-6870 system can be used for visual

confirmation of alarm signals and motion detectors. With its built-in LAN capabilities, the PCI-6870 is a natural for LAN-based remote management, either for real-time control, or for data retrieval, even over the Internet. An added disk array makes an inexpensive, convenient storage pool for captured video. For surveillance applications where audio capture is legal, on board AC-'97 stereo audio capability makes audio capture a reality.

Remote Monitoring and Recording



For applications where strong video capability is required in a small space, the PCI-6870 shines. Connect a CCTV network to the PCI-6870 teamed up with a video capture card and a disk array, and the system can be used to record video of anything from industrial or chemical processes, locomotive operation, pedestrian or vehicular traffic patterns,

consumer demographics in shopping malls, to monitoring the performance of required maintenance tasks. Two COM ports are supported, which may be used for additional sensor inputs.

Enhanced Caregiving

PCI-6870 systems are ideal for increasing the level of care in nursing homes, child- and eldercare facilities, as well as educational institutions.

Convenient Maintenance

Especially for unmanned installations, USB connections may be used for convenient hot-swap system maintenance and updates using USB -floppy, -HDD, or -CD-ROM.

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