

-- [Bandwidth Master SBC w/ Gbit Ethernet](#) -- [Security Gateway Series](#) -- [New Standard Keyboard/Mouse Cable](#) --

## Prime News

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### [The New Bandwidth Master: PIII SBC with Gbit Ethernet, USB 2.0](#)



- Socket 370 supports up to Pentium III/512K 1.26GHz
- Supports Gigabit Ethernet
- Supports 4 Embedded USB 2.0 ports
- 133MHz FSB and 4X AGP graphics for high

performance applications

- Optional TV-out and Mini PCI for WLAN applications. ([more....](#))

### [Security Gateway Series Provides Firewall Solution Selections](#)



Advantech is launching the Security Gateway series, a new product line under its Embedded Computing Group, to provide a range of selections in Firewall/VPN/IDS hardware platforms--from

enterprise, to SME, to SOHO models. ([read more....](#))

## Announcement

### [New Standard KB/mouse Cable](#)



As more and more keyboards are using PS/2 mini-DIN connectors, the standard keyboard/mouse connection cable supplied for a range of products

will reflect this change. ([read more...](#))

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October 11, 2002 Vol.77

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## Prime News

### New Socket 370 PIII SBC with Gbit Ethernet, USB 2.0

#### PCM-9577 The Bandwidth Master

##### Features

- Socket 370 supports up to Pentium III/512K 1.26GHz
- Supports Gigabit Ethernet (PCM-9577FG)
- Supports 4 Embedded USB 2.0 ports (PCM-9577FG)
- 133MHz FSB and 4X AGP graphics for high performance applications
- Supports 24/36 bit TFT/DSTN LCD and 2 channel LVDS interface
- Optional TV-out and Mini PCI for WLAN applications

Advantech's new PCM-9577 is a new socket 370 Pentium® III 5.25" form factor single board computer (SBC) with an onboard Gigabit Ethernet and four USB 2.0 ports. The socket 370 can support up to Pentium III/512K(Tualatin) 1.26GHz. This SBC includes a 4X AGP controller, an AC97 audio interface, a PCI Gigabit or 100BASE-T Ethernet interface, 4 USB 1.1 or USB 2.0 ports and 2 channel LVDS interface. Other on-board features include a PCI slot, PC/104, optional Mini PCI socket, an LPT, UDMA/100 IDE, IrDA and 4 serial ports: 3 RS-232s, and 1 RS-232/422/ 485. The SSD solution supports CompactFlash™ cards.



This product uses a VIA Twister chip with Northbridge and Integrated Savage4 2D/3D/Video Accelerator and supports 4X AGP VGA/LCD interface and up to 32 MB frame buffer using system memory. The board is effective for use as a

mini-server or gateway device, through its ability to add more ethernet ports through its fast PCI slot. PCM-9577 supports

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### Prime News

- [New Product: PCM-9577](#)
- [Security Gateway Series](#)

### Announcements

- [New Standard KB Cable](#)

### RECENT ISSUES

- [Sep 26, 2002](#)
- [Sep 12, 2002](#)
- [Aug 29, 2002](#)
- [Aug 1, 2002](#)
- [July 15, 2002](#)
- [July 1, 2002](#)

powerful Pentium III 1.26GHz, Gigabit Ethernet, USB 2.0 and solid system chipset make it a perfect core technology for server equipment and other long life applications. And the high quality TV-out capability makes numerous other applications available too.

### **True multimedia SBC**

The PCM-9577 supports 3D audio and complies with the AC97 standard and 3D engine 4X AGP VGA/LCD controller which supports DVD play. The PCM-9577 combines audio, TV-out (optional), and network functions on a single board 5.25" form factor computer. Optional TV-out supports NTSC and PAL formats through composite video connectors and S-Video connectors via the optional cable kit.

### **Learn More**

To find out how the PCM-9577 can work for you, contact your nearest Advantech representative, or visit our website:

<http://www.advantech.com/epc/>

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**October 11, 2002 Vol.77**

## Prime News

### Security Gateway Series Provides More Firewall Solution Selections



Advantech is launching the Security Gateway series, a new product line under its Embedded Computing Group, to provide a range of selections in Firewall/VPN/IDS hardware platforms--from enterprise, to SME, to SOHO models. Aiming to provide fast time-to-market and customizable products, Advantech is dedicated to researching and developing network security hardware and application platforms so that network security system integrators and software vendors have all the choices they need to integrate their security applications into flexible, reliable turnkey solutions.

Advantech's new Security Gateway series includes the following models:

<b>SG-3103</b>	1U Enterprise Security Gateway with 3 LANs (Intel Pentium® III/Celeron Processor)
<b>SG-4104</b>	1U Enterprise security Gateway with 4 LANs (Intel Pentium® III/Celeron Processor)

## Other News

### Prime News

- [New Product: PCM-9577](#)
- [Security Gateway Series](#)

### Announcements

- [New Standard KB Cable](#)

### RECENT ISSUES

- [Sep 26, 2002](#)
- [Sep 12, 2002](#)
- [Aug 29, 2002](#)
- [Aug 1, 2002](#)
- [July 15, 2002](#)
- [July 1, 2002](#)

<b>SG-2103</b>	SME Security Gateway with 3 LANs (VIA Ezra/Eden Processor)
<b>SG-1003/1103</b>	SOHO Security Gateway with 3 LANs (SiS 550 Processor)

**SG-3103**

The SG-3103 Security Gateway is a 1U rackmount Firewall/VPN/IDS platform suitable for enterprise users. The platform provides one CompactFlash to store OS and AP, and an optional IDE HDD allows for direct local storage of event logs. The system provides 3 fast Ethernet ports for LAN, WAN, and DMZ. In addition, it also provides an RS-232 port for local management, diagnostics, and maintenance. The seven LED indicators on the front panel show power status, and the conditions of the three LANs.

**SG-4104**

The SG-4104 Security Gateway is a Firewall/VPN/IDS platform suitable for enterprise users. The platform provides one CompactFlash to store OS and AP, and an optional IDE HDD allows for direct local storage of event logs. The system provides 4 fast Ethernet ports for LAN, WAN, DMZ, and management ports. It also provides 2 RS-232 ports for local management, maintenance, and diagnostics. There are eight LED indicators on the front panel to show the status of power, and the 4 LANs.

**SG-2103**

The SG-2103 is a Firewall/VPN/IDS platform suitable for a SME security gateway. The platform provides one CompactFlash to store OS and AP, and an optional IDE HDD allows for direct local storage of event logs. The system provides 3 fast Ethernet ports for Network security solutions. It also provides an RS-232 port and a PS2 port for local management, maintenance, and diagnostics.

**SG-1003/1103**



A compact fan-less Security Gateway, the SG-1103 is specifically designed for Internet secure connectivity and is suitable for the SOHO Firewall/VPN. Designed with the SiS550 200 MHz processor, its low power consumption can meet the requirements



needed for SOHO Firewall/VPN appliances. The system supports a CompactFlash used in installing OS and Firewall/VPN application, which totally avoids the service disruption caused by hard disk's mechanical/magnetic failures. In addition, the SG-1103 can support system memory up to 512 MB SDRAM. The SG-1103 offers three 10/100 Mbps auto-sensing Fast Ethernet ports for WAN, LAN, and DMZ connections. It also offers a COM port for local system management, maintenance, and diagnostics.

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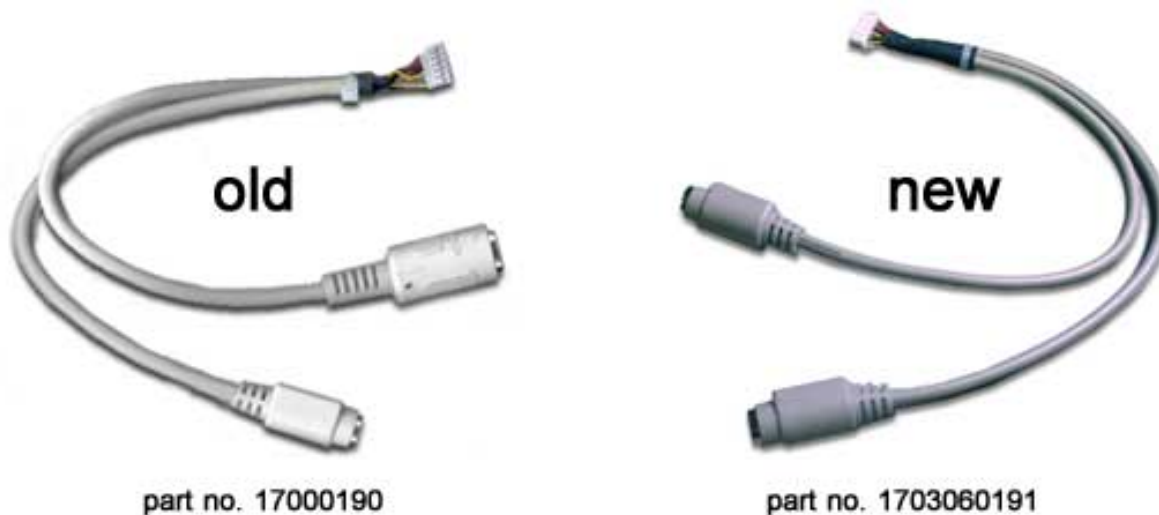
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## Announcement

### New Standard KB/mouse Cable

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As more and more keyboards are using PS/2 mini-DIN connectors, the standard keyboard/mouse connection cable supplied for a range of products will reflect this change.

	old	new
<b>part no.</b>	17000190	1703060191
<b>KB connector</b>	AT-XT 5-pin DIN	<b>PS/2 6-pin mini-DIN</b>
<b>mouse connector</b>	PS/2 6-pin mini-DIN	PS/2 6-pin mini-DIN

### Affected Products

The following products will ship with the new cables:

product	associated wiring kit (if any)
POD-6704 Series	
PCM-5823 Series	
PCM-9550F	PCM-10586-5000
PCM-9550FM	PCM-10586-5M00
PCM-9550L	PCM-10586-5L00
PCM-9572F	PCM-10586-5V00
PCM-9575/9577	PCM-10586-5A00

### Effective Date

### Other News

#### Prime News

- [New Product: PCM-9577](#)
- [Security Gateway Series](#)

#### Announcements

- [New Standard KB Cable](#)

#### RECENT ISSUES

- [Sep 26, 2002](#)
- [Sep 12, 2002](#)
- [Aug 29, 2002](#)
- [Aug 1, 2002](#)
- [July 15, 2002](#)
- [July 1, 2002](#)

The new cables will start shipping in November, 2002.

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