



D I G I T A L   T E C H N O L O G I E S   F O R   A   B E T T E R   W O R L D



**ICN**

**INDUSTRIAL, COMMERCIAL & NETWORKING**

2008/V2

# Eurotech Group

Eurotech is a leading international technology group with headquarters in Italy and facilities throughout Europe, America and Asia. The Group's main focus is on the development of cutting-edge technologies that make our life better, safer, and more comfortable.

The fundamental assumption behind Eurotech's business strategy is the concept that as important technologies spread, they become increasingly integrated into our life, becoming nearly invisible.

Eurotech's role today is to support its customers in Industrial markets and to identify new customers in the emerging markets breaking traditional boundaries via innovation.

With this vision in mind, Eurotech has oriented its R&D activities to the key high-growth sectors, like pervasive computation. Their goal is to develop innovative, integrated solutions (software, hardware, middleware and support services) that offer the flexibility and scalability needed to capture new market opportunities and integrate them in the traditional markets.



Eurotech's strategy, which couples standard solutions with a flexibility that allows customization and innovation, has made them one of the world leaders in high technology for computer miniaturization.



[www.eurotech.com](http://www.eurotech.com)

- ▶ **Wearable Computers**
- ▶ **Network Appliances**
- ▶ **Stationary Computers**
- ▶ **Panel Computers**
- ▶ **LCD Industrial Monitors**
- ▶ **Embedded Boards**



## **ICN**

**INDUSTRIAL,  
COMMERCIAL  
& NETWORKING**

- ▶ **Stationary Computers**
- ▶ **Mobile Computers**
- ▶ **Wearable Computers**
- ▶ **Embedded Boards**



## **DSA**

**COTS PRODUCTS FOR  
SECURITY, DEFENCE AND  
AEROSPACE**

- ▶ **Wearable Computers**
- ▶ **Mobile Computers**
- ▶ **Embedded Boards**



## **TMS**

**TRANSPORTATION,  
MOBILITY  
& SURVEILLANCE**

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### KEY FEATURES

- ▶ **Long Term Availability**
- ▶ **Industrial Operating Temperature**
- ▶ **Efficient and Secure Connections**

Our expansive offering in Industrial & Commercial markets (Compact & Industrial Computers, Panel Computers, Networking, Wearable PCs) is bolstered by the design and manufacturing of the entire solution, from boards to systems, typically characterized by long-term availability and reliability. New frontiers with automation also involve technologies dealing with the management of LANs, wired and wireless, fundamental to collecting data from mobile devices and Wearable PCs.

Our portfolio is suited to a wide range of sectors: industrial (packaging, mechanic assembly lines, hydraulic presses etc.), telemetry, process control and many other demanding applications. Our systems also provide a wide range of certified middleware that guarantee system integrators a short time to market and easy to use solutions.

Special attention is dedicated to designing and developing systems using standardized components, in order to ensure availability and maintenance. This long term commitment is also based on long life CPUs and our technical support for operating systems such as Linux, Windows CE and XP Embedded.

From an OEM perspective, our international engineering team can also design and manufacture a “tailor-made” hardware with optimized operating system configurations and complete packaged system solutions.

# Wearable Computer

## Zypad WL1100



Application	Professional Data Acquisition and Management
Display	3.5" TFT 320x240 with touch screen
Memory	128 MB RAM/128 MB FLASH – Mini STUDIO Memory Expansion
Battery Life	Up to 8hrs (*)
Positioning	12 channel GPS receiver
Wireless Connectivity Standards	Wi-Fi 802.11 b/g; Bluetooth class 2 (optional ZigBee version)
Weight	FCC/CE EMC EN55022-024-CSA
Operating Temp	290 gr. with battery and wrist band -10/+50°C

(\*) depends on features activated





## PCN-1001



<b>Application</b>	Automatic people counting solution
<b>Technology</b>	Contactless stereoscopic vision detection
<b>Interfaces</b>	RS485 interface, 2+2 digital I/O, USB (service)
<b>Mechanical</b>	IP65 sealed magnesium enclosure
<b>PSU</b>	DC/DC 9-32VDC
<b>Standards</b>	EN50155 class T1, 2004/104/EC
<b>Accessories</b>	Starter Kit, configuration software
<b>Operating Temp</b>	0/+50°C



## ZyWAN



**Application** Cellular Routing Modem  
 AVL (Automatic Vehicle Locating)  
 Telemetry, Command & Control  
 Mobile Computing

**Features** PXA270 520 MHz XScale Processor; up to 256 MB of soldered SDRAM / 64 MB Flash; 2x RS232 and 1x RS485/422/232 selectable; 2x RS232 and 1x RS485/422/232 selectable; Serial MMI or Telnet; 2x RJ-45 10/100baseT; Dual USB ports 1.1; Standard DB15 RGB

**Form Factor** Panel Mount

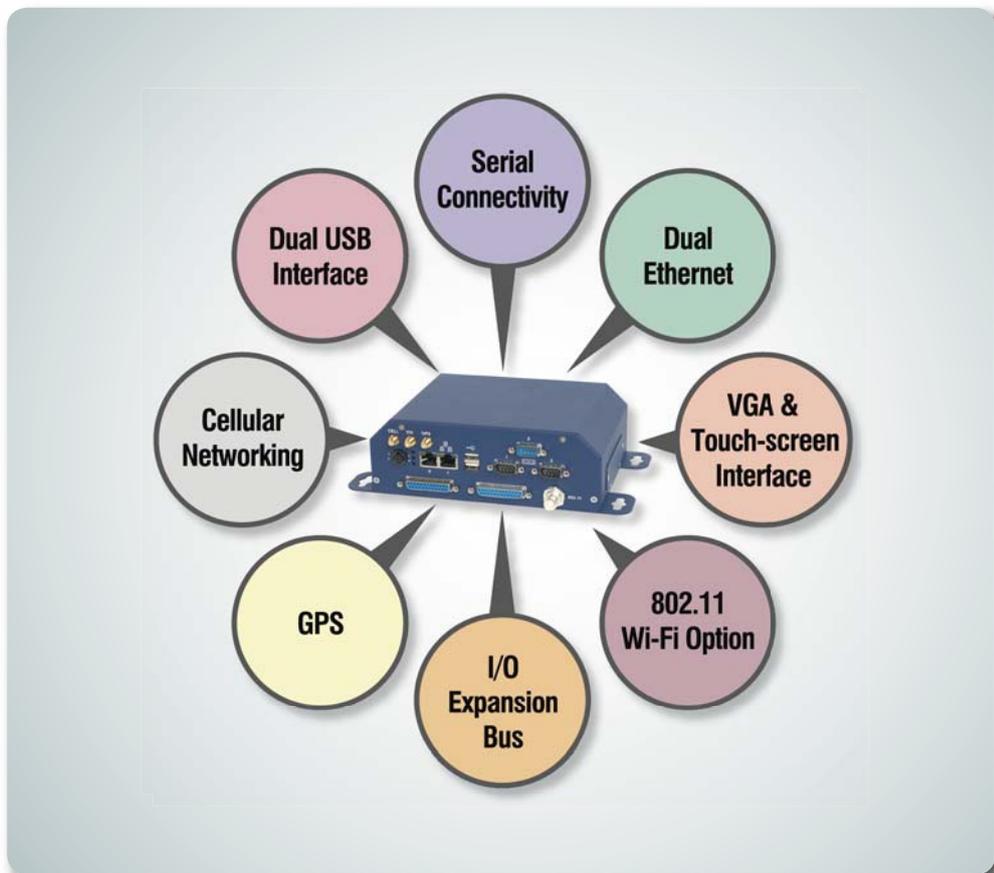
**Wireless Connections** Iden, GSM/GPRS, EvDO / 1x RTT CDMA/ 3G; 802.11 b/g

**Positioning** GPS with 12 channel continuous tracking receiver

**Dimensions** 238mm x 137mm x 65mm (W x L x H)

**Power Supply** 10 – 30V DC

**Operating Temp** 0/+50°C with SSD





## Streamer VIP



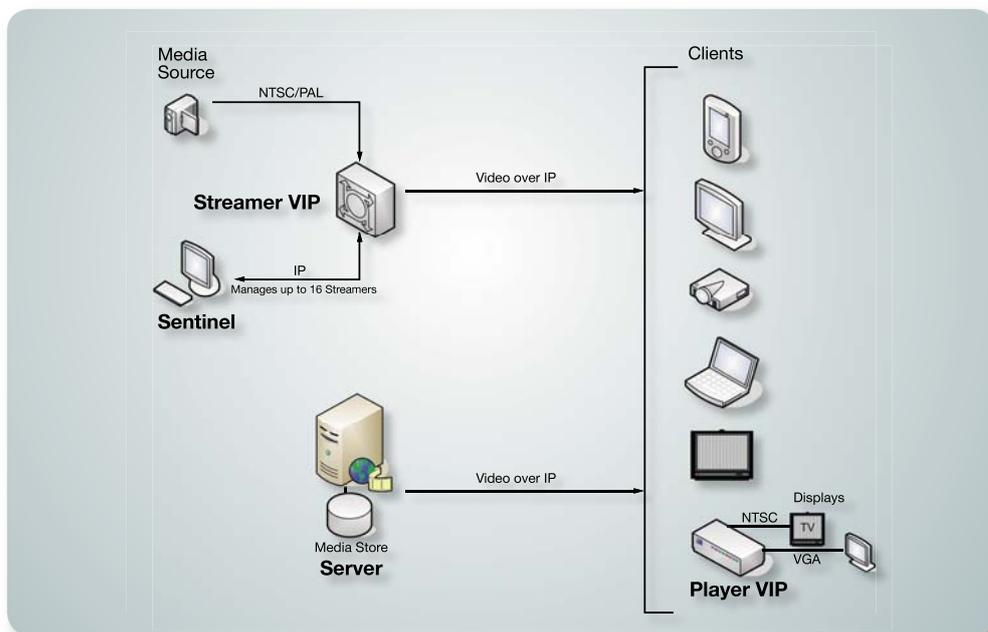
<b>Processor</b>	Samsung Arm 9 CPU with WIS MPEG-4 codec engine
<b>Form Factor</b>	5.5x4.1 inches (140x105 mm)
<b>Memory</b>	32 MB DRAM
<b>Video</b>	Up to four external NTSC/PAL video input channels, resolution up to NTSC and PAL; MEG-4/MPEG-2 video compressor
<b>Common Interfaces</b>	10/100base-T Ethernet; 1x USB 1.1 host; 2 serial ports: 1x EIA-232, 1x EIA-485
<b>Wireless Connectivity</b>	IEEE 802.11 b/g
<b>Other Features</b>	Stereo audio input; browser-accessed video control
<b>Operating Temp</b>	0/+60°C



## Player VIP



<b>Processor</b>	MIPS CPU with Sunplus MPEG-4/MPEG-2 decoding engine
<b>Form Factor</b>	5.9x4.3 inch (150x109)
<b>Memory</b>	32 MB DRAM
<b>Video</b>	CVBS/S-Video/VGA with resolution up to NTSC and PAL; support for MPEG-4/MPEG-2 Video over IP streams over RTP
<b>Common Interfaces</b>	10/100base-T Ethernet; 1x USB 1.1 host; 1x RS-232 serial port; 1x CompactFlash (Type II) slot
<b>Wireless Connectivity</b>	IEEE 802.11 b/g
<b>Other Features</b>	Stereo audio output, 1x external Video over IP input (wire or wireless)
<b>Operating Temp</b>	0/+60° C



# Wall-Mount Computers

## PEGASUS ICE



Mounting	Pentium-class SC520 133 MHz
Processor	Elan SC520 133 MHz
Memory	Up to 64 MB SDRAM
Common Interfaces	2x RS-232, 1x RS-422/485, 1x TTL, RJ45 Ethernet (10/100baseTx)
Expansions	1x PC/104
PSU	+5VDC
Standards	CE EMC EN55081-1; EN55082-2
Operating Temp	0/+50°C



## VIPER ICE



Mounting	XScale PXA255 400 MHz
Processor	PXA255 412 MHz
Memory	Up to 64 MB SDRAM
Common Interfaces	RJ45 Ethernet (10/100baseTx), 4 D-sub 25 I/O expansion, 5 D-sub 9 serial ports, Audio jacks, 2 USB connectors
Other Features	Viper board inside (page 22)
Expansions	2x PC/104
PSU	10-36VDC (10-25VAC)
Dimensions	200 x 210 x 105.2 mm including mounting feet
Standards	EN55022; EN61000-6-3:2001; EN61000-6-2:2001
Operating Temp	0/+50°C



## VULCAN ICE



Mounting	XScale IXP425 533 MHz
Processor	IPX425
Memory	Up to 64 MB SDRAM
Common Interfaces	3x RS232 (D 9-way plugs), 1x RS422/485 (D 9-way plug), 1 digital I/O port (D 25-way socket), 2 USB 2.0 type A ports RJ45 Ethernet (10/100baseT), CompactFlash (CF+)
Other Features	Vulcan board inside (page 22)
Expansions	1x PC/104
PSU	+5VDC
Dimensions	154 x 142.6 x 53 mm including mounting feet
Standards	CE EMC EN55081-1; EN55082-2
Operating Temp	0/+50°C





## BX-400F



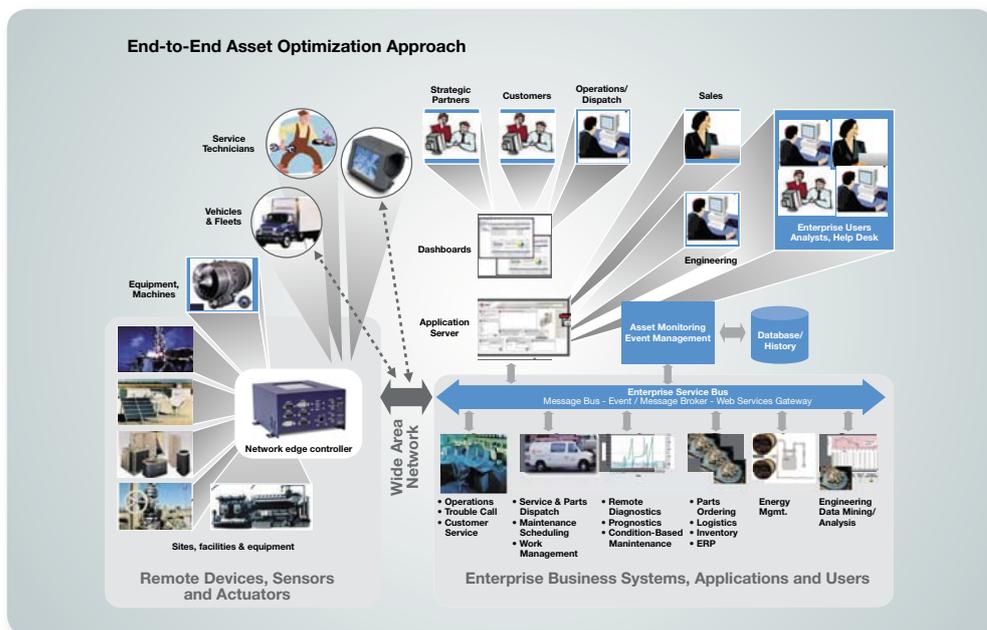
<b>Processor</b>	Intel Celeron M 600 MHz / 512 KB cache (FANLESS)
<b>Memory</b>	256 MB ÷ 1 GB
<b>I/F</b>	4x USB 2.0, 2x Ethernet 10/100, VGA, K/M, 3x ser. 232, Audio AC97
<b>Expansion</b>	Not available
<b>Mass Storage</b>	HD 2,5" opt. C.F.
<b>Power Supply</b>	24 V/DC
<b>Mounting</b>	Wall mounting – opt. DIN rail mounting
<b>Operating Temp</b>	+5/+50°C (without HD)



## BX-400P



<b>Processor</b>	Intel Celeron M 1,5 GHz – Pentium M 1,7 ÷ 2,0 GHz
<b>Memory</b>	256 MB ÷ 1 GB
<b>I/F</b>	4x USB 2.0, 2x Ethernet 10/100, VGA, K/M, 3x ser. 232, Audio AC97
<b>Expansion</b>	1x PCI
<b>Mass Storage</b>	HD 2,5" opt. C.F.
<b>Power Supply</b>	110-220 V/AC 50-60 Hz (24 V/DC optional)
<b>Mounting</b>	Wall mounting – opt. DIN rail mounting
<b>Operating Temp</b>	+5/+45°C



## GEMINI ICE



<b>Mounting</b>	19" rack mount 1U
<b>Processor</b>	Intel Core 2 Duo / Core Duo / Core Solo / Celeron M 4xx processor @ 533/667 MHz FSB
<b>Memory</b>	Up to 3 GB DDR2 533/667 MHz
<b>Video</b>	Dual independent analog VGA, LVDS, DVI interface
<b>Common Interfaces</b>	4x Gigabit, 6x USB ports, audio jack sockets, keyboard/mouse ports, parallel port, CF, 2x RS232 serial ports + 1x RS232/422/485
<b>Other Features</b>	DVD/CDRW drive, front panel 2 line 24 character LCD display
<b>Mass Storage</b>	Low profile 3.5" FDD, 2.5"/3.5" HDD
<b>Expansions</b>	2x PCI v2.2 expansion slots
<b>PSU</b>	180W Flex-ATX auto-ranging PSU (110V / 240V AC)
<b>Standards</b>	FCC/CE EMC EN55022-024
<b>Operating Temp</b>	+5/+55°C



## APOLLO ICE



<b>Mounting</b>	Pentium M / Celeron M up to 2.13 GHz
<b>Processor</b>	Pentium M/Celeron M
<b>Memory</b>	up to 1 GB DDR memory
<b>Common Interfaces</b>	2 video input, 2x Ethernet, 6x USB ports, 2x Dual IEEE1394a-2000, audio jack sockets, keyboard/mouse ports, CompactFlash slot (CF+)
<b>Other Features</b>	DVD/CDRW drive, front panel 2 line 24 character LCD display
<b>Mass Storage</b>	Low profile 3.5" FDD, 2.5"/3.5" HDD
<b>Expansions</b>	2x PCI v2.2 expansion slots
<b>PSU</b>	180W Flex-ATX auto-ranging PSU (110V / 240V AC)
<b>Standards</b>	FCC/CE EMC EN55022-024
<b>Operating Temp</b>	0/+50°C



\*Also available in 280 x 233 x 100 dimensions"



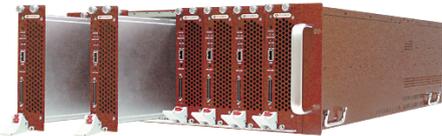
## APC-INDUSTRIAL PC



<b>Mounting</b>	19" rack mount 4U
<b>Processor</b>	Pentium 4/Celeron
<b>Memory</b>	Up to 2 GB DDRAM SDRAM
<b>Common Interfaces</b>	1x RS232, 1x RS232/422/485, S-VGA Graphics, 2x USB 1.1/2.0 channels, 10/100baseT Ethernet
<b>Other Features</b>	CDRW/DVD drive
<b>Mass Storage</b>	3.5" 80 GB ATA100 HDD
<b>Expansions</b>	4x PCI 10x ISA
<b>PSU</b>	480W AC/DC 95-220V
<b>Standards</b>	FCC/CE EMC EN55022-024, shock and vibration tested
<b>Operating Temp</b>	0/+50°C



## O<sup>2</sup>CLUSTER



<b>Mounting</b>	19" rack mount 4U Server Blade
<b>Processor</b>	Up to 8 CPU boards with single or dual Opteron Dual Core Up to 16 CPU boards Pentium M
<b>Memory</b>	Up to 8 GB RAM
<b>Common Interfaces</b>	Onboard 2.5" ATA100 IDE HDD or CompactFlash, Dual Gigabit Ethernet ports and one management LAN port, Built-in cableless KVM Switch
<b>Expansions</b>	PCI-X add-on card slot
<b>PSU</b>	6+1 redundant modules, 2100 watts
<b>Operating Temp</b>	+5°/+35°C



# PCI Add-on Boards



## PCI Add-on Boards for Industrial PCs



Name	Type	Description	Operating Temp
<b>APCI-IB40</b>	Digital I/O	40-channel Digital I/O & Counter Board	0/+70°C
<b>APCI-RELAY8/IN8</b>	Digital I/O	8 Changeover Relay Outputs and 8 Opto-Isolated Digital Inputs	0/+70°C
<b>APCI-ADADIO</b>	Analog I/O	Multi-Function 12-bit ADC and DAC, with Digital I/O & CTC	0/+70°C
<b>APCI-SER4</b>	Communication	4-channel RS232/485 Board	0/+70°C



## ISA Add-on Boards for Industrial PCs

Name	Type	Description	Operating Temp	Other
<b>PCIO8</b>	Digital I/O	8-channel Opto-Isolated Digital Inputs & Outputs	+5/+55°C	
<b>PCI24</b>	Digital I/O	24-channel Opto-Isolated Digital Input Board	+5/+55°C	C Library
<b>PCIB32</b>	Digital I/O	32-channel Digital I/O & Counter Board	+5/+55°C	
<b>PCIB40</b>	Digital I/O	40-channel Digital I/O & Counter Board	+5/+55°C	
<b>PCPIC</b>	Digital I/O	9-ch Multi-Function Counter-Timer Board	0/+70°C	C Library
<b>PCRELAY8/IN8</b>	Digital I/O	8 Changeover Relay Outputs and 8 Opto-Isolated Digital Inputs	+5/+55°C	C Library
<b>PCO24</b>	Digital I/O	24-channel Opto-Isolated Digital Output Board	+5/+55°C	C Library
<b>PCAD12/16H</b>	Analog I/O	16-channel 12-bit ADC Board	+5/+55°C	C Library
<b>PCADADIO-CD</b>	Analog I/O	Multi-Function 12-bit ADC and DAC, with Digital I/O & CTC	+5/+55°C	C Library
<b>PCDAC12-4</b>	Analog I/O	4-channel 12-bit DAC Board, with Voltage and 4-20mA Outputs	+5/+55°C	C Library
<b>PC-COM4</b>	Communication	2 RS232 and 2 RS232 or Isolated RS422/485	+5/+55°C	
<b>PCSER4</b>	Communication	4-channel RS232/485 Board Enhanced FIFO	+5/+55°C	C Library
<b>PCSYSCON</b>	Communication	System Watchdog & Integrity Monitor Board	+5/+55°C	C Library



## ICE-VIEW-100



<b>Mounting</b>	Industrial Enclosure
<b>Display</b>	8.4" VGA sunlight-readable LCD-TFT
<b>Front Panel Protection</b>	IP65
<b>Touch Screen</b>	optional
<b>Architecture</b>	PXA255 412 MHz
<b>Memory</b>	Up to 64 MB on board SDRAM
<b>Common Interfaces</b>	Rugged industrial compact enclosure and touchscreen displays matched to the VIPER standard VESA mounting
<b>Expansions</b>	1x PC/104
<b>PSU</b>	10-36VDC (10-25VAC)
<b>Standards</b>	FCC/CE EMC EN61000-6 -3 -2
<b>Operating Temp</b>	+5/+45°C



## VX-50R



<b>Processor</b>	RISC Intel XScale PXA255 400 MHz (PXA270)
<b>Memory</b>	64 MB RAM
<b>Display</b>	LCD TFT 5,7" QVGA (320 x 240)
<b>Touch Screen</b>	4 wires resistive
<b>I/F</b>	Serial 1x 232 + 1x 422 + 1x 485, 1x Ethernet 10/100, 2x USB
<b>Mass Storage</b>	2x CF
<b>Power Supply</b>	24 V/DC
<b>Mounting</b>	Panel Mounting
<b>Operating Temp</b>	+5/+50°C



## VH-50R



<b>Processor</b>	RISC Intel XScale PXA255 400 MHz (PXA270)
<b>Memory</b>	64 MB RAM
<b>Display</b>	LCD TFT 5,7" QVGA (320 x 240)
<b>Touch Screen</b>	4 wires resistive
<b>I/F</b>	Serial 1x 232 + 1x 422 + 1x 485, 1x Ethernet 10/100, 2x USB
<b>Mass Storage</b>	2x CF
<b>Power Supply</b>	24 V/DC
<b>Mounting</b>	Wall Mount (inside plastic box bticino mod.16102)
<b>Operating Temp</b>	+5/+50°C



## VX-60F / VX-80F



<b>Processor</b>	Intel Celeron M 600 MHz/512 KB cache (FANLESS)
<b>Memory</b>	256 MB ÷ 1 GB
<b>Display</b>	LCD TFT 6,5" VGA (640 x 480) LCD TFT 8,4" SVGA (800 x 600)
<b>Touch Screen</b>	4 wires resistive
<b>I/F</b>	On the front: 1x USB 2.0; on the back: 4x USB 2.0, 1x Ethernet 10/100, VGA, K/M, 2x ser. 232, Audio AC 97
<b>Expansions</b>	1x PC/104 (only PCI bus)
<b>Mass Storage</b>	HD 2,5" or C.F. or HD 2,5" + C.F.
<b>Power Supply</b>	24 V/DC
<b>Mounting</b>	Panel Mounting
<b>Operating Temp</b>	+5/+50°C (without HD)



## VX-120F / VX-150F



<b>Processor</b>	Intel Celeron M 600 MHz/512 KB cache (FANLESS)
<b>Memory</b>	256 MB ÷ 1 GB
<b>Display</b>	LCD TFT 12,1" SVGA (800 x 600) LCD TFT 15" XGA (1024 x 768)
<b>Touch Screen</b>	8 wires resistive
<b>I/F</b>	On the front: 1x USB 2.0; on the back 4x USB 2.0, 2x Ethernet 10/100, VGA, K/M, 3x ser. 232, Audio AC 97
<b>Expansions</b>	Not available
<b>Mass Storage</b>	HD 2,5" opt. C.F.
<b>Power Supply</b>	24 V/DC
<b>Mounting</b>	Panel Mounting
<b>Operating Temp</b>	+5/+50°C (without HD)





## VX-120P / VX-150P / VX-170P



<b>Processor</b>	Intel Celeron M 1,5 GHz – Pentium M 1,7 ÷ 2,0 GHz – Core Duo 2,0 GHz
<b>Memory</b>	256 MB ÷ 2 GB
<b>Display</b>	LCD TFT 12,1" SVGA (800 x 600) LCD TFT 15" XGA (1024 x 768) LCD TFT 17" SXGA (1280 x 1024)
<b>Touch Screen</b>	8 wires resistive
<b>I/F</b>	On the front: 1x USB 2.0; on the back: 4x USB 2.0, 2x Ethernet 10/100, VGA, K/M, 3x ser. 232, Audio AC 97
<b>Expansion</b>	Not available
<b>Mass Storage</b>	HD 2,5" opt C.F.
<b>Power Supply</b>	110-220 V/AC 50-60 Hz (24 V/DC optional)
<b>Mounting</b>	Panel Mounting
<b>Operating Temp</b>	+5/+45°C



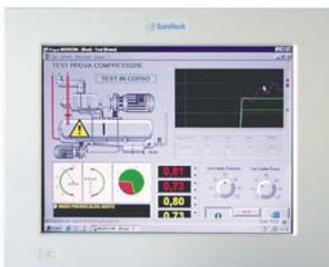
## VX-121P / VX-151P / VX-171P



<b>Processor</b>	Intel Celeron M 1,5 GHz – Pentium M 1,7 ÷ 2,0 GHz – Core Duo 2,0 GHz
<b>Memory</b>	256 MB ÷ 2 GB
<b>Display</b>	LCD TFT 12,1" SVGA (800 x 600) LCD TFT 15" XGA (1024 x 768) LCD TFT 17" SXGA (1280 x 1024)
<b>Touch Screen</b>	8 wires resistive
<b>I/F</b>	On the front: 1x USB 2.0; on the back: 4x USB 2.0, 2x Ethernet 10/100, VGA, K/M, 3x ser. 232, Audio AC 97
<b>Expansion</b>	1 slot PCI
<b>Mass Storage</b>	HD 2,5" opt. C.F.
<b>Power Supply</b>	110-220 V/AC 50-60 Hz (24 V/DC optional)
<b>Mounting</b>	Panel Mounting
<b>Operating Temp</b>	+5/+45°C



## MT8 - MT12 - MT15 - MT17



<b>Display</b>	LCD TFT colour 8,4" SVGA - LCD TFT colour 12,1" SVGA LCD TFT colour 15" XGA - LCD TFT colour 17" SXGA
<b>Resolution</b>	8,4": 800 x 600 - 12,1": 800 x 600 15": 1024 x 768 - 17": 1280 x 1024
<b>Touch Screen</b>	4 wires resistive (for 8,4") 8 wires resistive (for 12", 15" and 17") I/F RS232/USB
<b>Luminance</b>	8,4": 400 cd/m <sup>2</sup> - 12,1": 400 cd/m <sup>2</sup> 15": 350 cd/m <sup>2</sup> - 17": 300 cd/m <sup>2</sup>
<b>Power Supply</b>	110-220 V/AC 50-60 Hz – (24 V/DC optional not for 17" version)
<b>Mounting</b>	Panel Mounting
<b>Operating Temp</b>	+5/+45°C





# Boards

Our Boards are designed to meet the needs of extremely demanding customers. Our expertise in this area extends over 15 years, enabling us to offer:

- ▶ Single board computers in industry standard and customer-specific form-factors
- ▶ Processor boards pre-installed with industry leading operating systems
- ▶ Guaranteed longevity of supply
- ▶ Technical expertise and product guidance in multiple languages
- ▶ Easy-to-use hardware and operating system Development Kits

In the following pages, you will discover our complete portfolio of embedded processor, communication boards and I/O modules, suitable for the Industrial sector.

Since time-to-market is often critical, customers need to leverage the most complete solutions possible. For these customers, we offer a wide range of ready-to-run low-power Development Kits which pair an embedded processor board platforms (x86, PXA etc.) with the most popular embedded operating systems (from Linux to Windows Embedded, QNX, VxWorks etc.).

Should customers not find a product which perfectly matches their requirement; our engineering teams can develop tailor-made boards using the same professional design approach that is used to create our standard portfolio.



## CPU-1482/1484



<b>Processor</b>	Intel Pentium M 1.4 GHz, 2 MB L2 cache, 400 MHz FSB
<b>Form Factor</b>	PC/104+
<b>Expansion</b>	PC/104 and PC/104+ (below)
<b>Memory</b>	512 MB DDR, 266 MHz, soldered on board
<b>Video</b>	Analog VGA + LVDS
<b>Common Interfaces</b>	Controller IDE ATA, 1x RS-232, 1x RS-232/422/485, 1x 10/100 Mbps Ethernet, Keyboard&Mouse, AC97 audio only for 1482: 8x USB 2.0 only for 1484: 4x USB 2.0, 1x Gigabit Ethernet
<b>Accessories</b>	Dev Kit, RJ45 adpt., USB adpt., audio codec, cable set, LVSD receiver
<b>Operating Temp</b>	0/+60°C - Extended temperature available



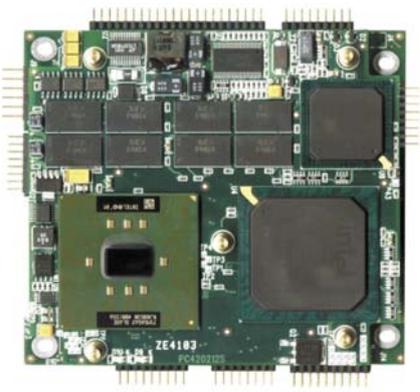
## CPU-1472/1474



<b>Processor</b>	Intel Celeron M 1 GHz, 512 KB L2 cache, 400 MHz FSB
<b>Form Factor</b>	PC/104+
<b>Expansion</b>	PC/104 and PC/104+ (below)
<b>Memory</b>	512 MB DDR, 266 MHz, soldered on board
<b>Video</b>	VGA + LVDS IDE
<b>Common Interfaces</b>	Controller IDE ATA, 1x RS-232, 1x RS-232/422/485, 1x 10/100 Mbps Ethernet, Keyboard&Mouse, AC97 audio only for 1472: 8x USB 2.0 only for 1474: 4x USB 2.0, 1x Gigabit Ethernet
<b>Accessories</b>	Dev Kit, RJ45 adpt., USB adpt., audio codec, cable set, LVSD receiver
<b>Operating Temp</b>	0/+60°C - Extended temperature available



## CPU-1462/1464

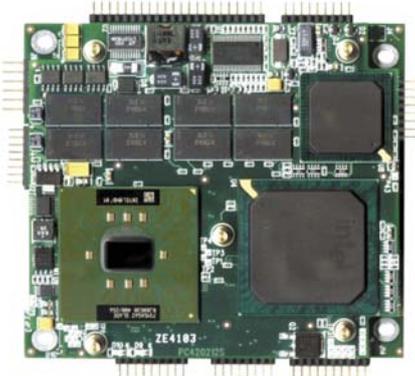


<b>Processor</b>	Pentium III 800 MHz, 512 KB L2 cache
<b>Form Factor</b>	PC/104+
<b>Expansion</b>	PC/104 and PC/104+
<b>Memory</b>	256 MB SDRAM soldered on board
<b>Video</b>	VGA + LVDS
<b>Common Interfaces</b>	IDE Controller UltraATA, 1x RS-232, 1x RS-232/422/485, Fast Ethernet, 4x USB 1.1 only for 1462: 4x USB 2.0 only for 1464: Gigabit Ethernet
<b>Accessories</b>	Dev Kit, RJ45 adpt., USB adpt., audio codec, cable set
<b>Operating Temp</b>	0/+60°C - Extended temperature available





## CPU-1452/1454



<b>Processor</b>	Celeron ULV 400 MHz, 256 KB L2 cache
<b>Form Factor</b>	PC/104+
<b>Expansion</b>	PC/104 and PC/104+
<b>Memory</b>	256 MB SDRAM soldered on board
<b>Video</b>	VGA + LVDS
<b>Common Interfaces</b>	IDE Controller UltraATA, 1x RS-232, 1x RS-232/422/485, Fast Ethernet, 4x USB 1.1 only for 1452: 4x USB 2.0 only for 1454: Gigabit Ethernet
<b>Other Features</b>	Disk on Module on board support
<b>Accessories</b>	Dev Kit, RJ45 adpt., USB adpt., audio codec, cable set
<b>Operating Temp</b>	0/+60°C - Extended temperature available



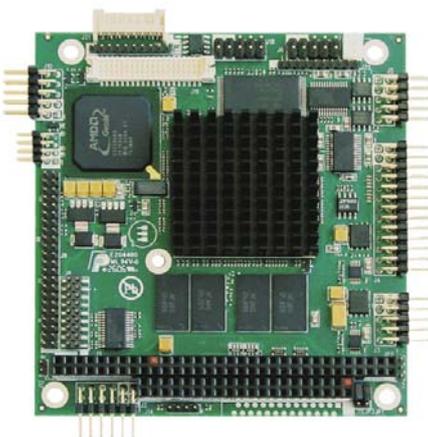
## CPU-1433



<b>Processor</b>	Geode GX466 333 MHz
<b>Form Factor</b>	PC/104+
<b>Expansion</b>	PC/104 and PC/104+
<b>Memory</b>	128 MB DDR soldered on board
<b>Video</b>	TFT or VGA Interface
<b>Common Interfaces</b>	IDE Controller, 1x RS-232, 1x RS-232/422/485, -Fast Ethernet, 4x USB 2.0
<b>Other Features</b>	Disk on Module on board support
<b>Accessories</b>	Dev Kit, RJ45 adpt., USB adpt., audio codec, cable set
<b>Operating Temp</b>	0/+60°C - Extended temperature available



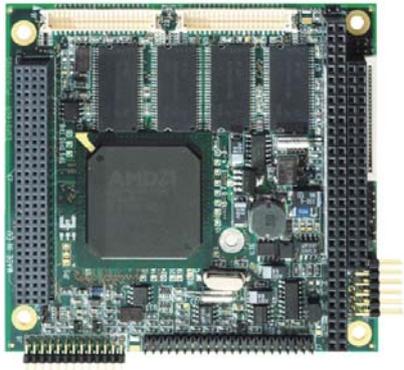
## CPU-1233



<b>Processor</b>	Geode GX466 133 MHz
<b>Form Factor</b>	PC/104
<b>Expansion</b>	PC/104
<b>Memory</b>	128 MB DDR soldered on board
<b>Video</b>	TFT or VGA Interface
<b>Common Interfaces</b>	IDE Controller, 1x RS-232, 1x RS-232/422/485, Fast Ethernet, 4x USB 2.0
<b>Other Features</b>	Disk on Module on board support
<b>Accessories</b>	Dev Kit, RJ45 adpt., USB adpt., audio codec, cable set
<b>Operating Temp</b>	0/+60°C - Extended temperature available



## CPU-1421



<b>Processor</b>	Elan SC520 133 MHz
<b>Form Factor</b>	PC/IO4+
<b>Expansion</b>	PC/IO4 and PC/IO4+
<b>Memory</b>	64 MB SDRAM soldered on board
<b>Common Interfaces</b>	IDE controller, 2xEth 10/100 Mbps, 1 EPP/ECP bidirectional, 2x RS232, 2x RS232/422/485, 2x 16bit Counter/Timers
<b>Other Features</b>	Disk on Module on board support
<b>Accessories</b>	Dev Kit, RJ45 adpt., cable set
<b>Operating Temp</b>	0/+60°C - Extended temperature available



## TITAN

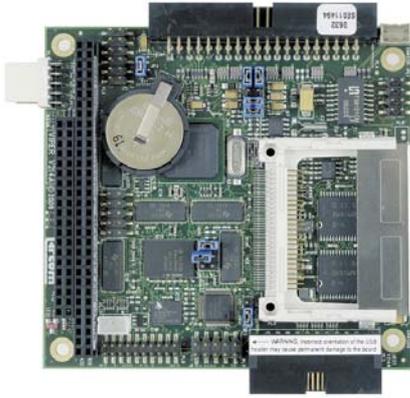


<b>Processor</b>	XScale PXA270 520 MHz
<b>Form Factor</b>	PC/IO4
<b>Expansion</b>	PC/IO4
<b>Memory</b>	Up to 128 MB SDRAM soldered on board Up to 64 MB of AMD MirrorBit Flash
<b>Video</b>	TFT/STN/LVDS flat panel support; 4 or 5-wire touchscreen controller
<b>Common Interfaces</b>	Fast Ethernet, 4x RS232, 1x RS422/485, 2x USB 1.1, SD/SDIO/MMC card socket, RTC, WD
<b>Other Features</b>	I <sup>2</sup> C bus, 8 buffered digital inputs/8 buffered digital outputs, AC97 audio controller, Quick Capture Camera Interface
<b>Operating Temp</b>	0/+60°C - Extended temperature available





## VIPER



<b>Processor</b>	XScale PXA255 400 MHz
<b>Form Factor</b>	PC/104
<b>Expansion</b>	PC/104
<b>Memory</b>	Up to 64 MB SDRAM soldered on board
<b>Video</b>	TFT/STN flat panel, support LVDS output
<b>Common Interfaces</b>	1x 10/100baseTx Ethernet, 4x RS232, 1x RS422/RS485, 2x USB 1.1, RTC, Type II CompactFlash (CF+) up to 32 MB; 256 KB of battery backed SRAM
<b>Other Features</b>	I <sup>2</sup> C controller; Atmel AT97SC3201 (TPM), 8 buffered digital inputs / 8 buffered digital outputs
<b>Operating Temp</b>	0/+60°C - Extended temperature available



## VULCAN



<b>Processor</b>	XScale IXP425 533 MHz
<b>Form Factor</b>	PC/104
<b>Expansion</b>	PC/104
<b>Memory</b>	Up to 64 MB on board SDRAM
<b>Common Interfaces</b>	2x 10/100baseTx Ethernet, 3x RS232, 1x RS422/RS485, 4x USB 2.0, RTC, Type II CompactFlash (CF+) up to 32 MB; 256 KB of battery backed SRAM
<b>Other Features</b>	Hardware accelerated encryption (DES, 3DES, AES) and authentication (SHA-1 and MD5) Dallas DS2401 Silicon Serial Number device (48-bit unique ID) 8 buffered digital inputs / 8 buffered digital outputs
<b>Operating Temp</b>	0/+60°C



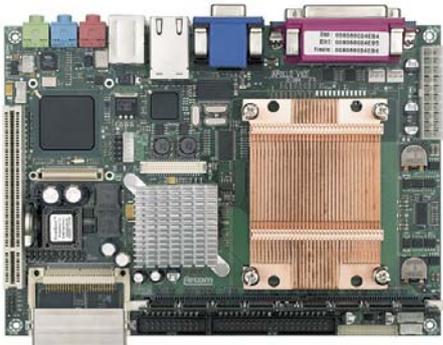
## GEMINI



<b>Processor</b>	Intel Core 2 Duo / Core Duo / Core Solo / Celeron M 4xx processor @ 533/667 MHz FSB
<b>Form Factor</b>	EBX
<b>Expansion</b>	1x PCI + 1x Mini-PCI
<b>Chipset</b>	Intel 945GM & ICH7M
<b>Memory</b>	Up to 3 GB DDR2 533/667 MHz
<b>Video</b>	Dual independent analog VGA and digital LVDS/DVI/HDTV interface
<b>Common Interfaces</b>	6x USB 2.0, 4x Gigabit Ethernet, 1x UDMA33 IDE + 2x SATA, CF, LPT, FDD, Mouse&Keyboard RTC, WD
<b>Other Features</b>	AC97 CODEC, SPDIF (Sony/Philips Digital Interface), 8x GPIO
<b>Operating Temp</b>	0/+60°C



## APOLLO



<b>Processor</b>	Pentium M / Celeron M up to 2.13 GHz
<b>Form Factor</b>	EBX
<b>Expansion</b>	PCI
<b>Memory</b>	Up to 1 GB DDR DIMM
<b>Video</b>	Dual analog VGA CRT and digital LVDS/DVI
<b>Common Interfaces</b>	2x RS-232, 1x RS-232/IrDA, 1x RS-232/422/485, 6x USB 2.0, 2x IEEE1394a-Firewire, Dual 10/100baseTx Ethernet, IDE ATA, CompactFlash, FDD, printer, mouse, keyboard and RTC
<b>Other Features</b>	AC97 CODEC, SPDIF (Sony/Philips Digital Interface)
<b>Operating Temp</b>	0/+60°C



## SBC-GX533

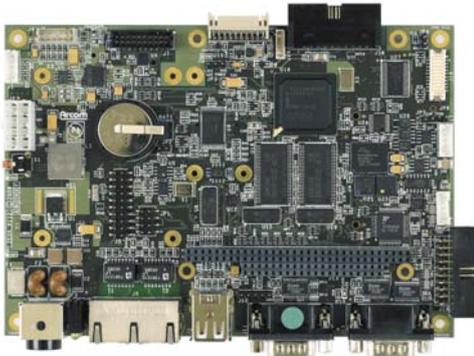


<b>Processor</b>	Geode GX533 400 MHz
<b>Form Factor</b>	EBX
<b>Expansion</b>	PC/104 & PC/104+
<b>Memory</b>	Up to 512 MB
<b>Video</b>	Dual display with TFT/DSTN/CRT support
<b>Common Interfaces</b>	Dual 10/100baseTx Ethernet, 3x RS232, 1x RS232/RS422/RS485, 2x USB 2.0 2x USB 1.1, IDE ATA-66 hard drive port, CompactFlash (CF+), Floppy drive and USB, 1 EPP/ECP bidirectional, mouse, keyboard ports and RTC
<b>Other Features</b>	32 MB Flash drive; 256 KB battery backed SRAM; 8-bit (TTL) digital I/O port; Atmel AT97SC3201 (TPM)
<b>Operating Temp</b>	0/+60°C





## ZEUS

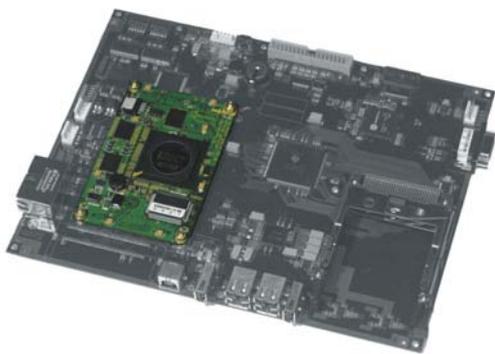


<b>Processor</b>	XScale PXA270 520 MHz
<b>Form Factor</b>	EPIC
<b>Expansion</b>	PC104
<b>Memory</b>	Up to 256 MB SDRAM soldered on board
<b>Video</b>	TFT/STN flat panel, support LVDS output
<b>Common Interfaces</b>	2x 10/100baseTx Ethernet, 2x RS232, 1x RS232/422/485, 1x RS422/485, 2x USB 1.1, RTC, CompactFlash
<b>Other Features</b>	SD/SDIO/MMC card socket; 4 or 5-wire analog touchscreen controller; I <sup>2</sup> C controller; Microchip MCP2515 - CAN 2.0B; 16 buffered digital inputs / 8 buffered digital outputs (+5V tolerant); AC97 audio controller
<b>Accessories</b>	Cellular / Wireless modem port, GPS port, IEEE802.15.4/ZigBee, Dev Kit
<b>Operating Temp</b>	0/+60°C



## Low Power CPU Boards in other form factors

### TurboIXP System



<b>Description</b>	Module with Adapter Board
<b>Processor</b>	Intel IXP465 @ 667 MHz
<b>Form Factor</b>	9.4x7.3 inches (239x185 mm)
<b>Memory</b>	Up to 128 MB DDR SDRAM
<b>Video</b>	LCD, Analog RGB (DB-15), 24-bit LVDS, RGB565
<b>Common Interfaces</b>	2x 10/100base-T Ethernet with RJ-45 connectors; 5x USB host ports (low/full/high speed); 1x USB 2.0 host port (low/full speed) with Type A connector and power supply; 1x USB 1.1 function port (low/full speed) with Type B connector and cable detection circuit; 2 serial ports: 1x EIA-232/EIA-485, 1x EIA-232/3.3V; 11x GPIO; 1x 32-bit PCI v2.2; mini PCI; 2x CAN (2.0b); 1x I <sup>2</sup> C port; 1x SSP port
<b>Other Features</b>	4 or 5-wire touchscreen interface; IEEE1588; 1x 32-bit expansion interface
<b>Operating Temp</b>	0/+60°C



# Low Power CPU Boards in other form factors

## TurboXb System



<b>Description</b>	Module with Adapter Board
<b>Processor</b>	Marvell PXA270 @ 520 MHz
<b>Form Factor</b>	7.1x4.1 inch (180x104 mm)
<b>Memory</b>	Up to 128 MB DRAM
<b>Video</b>	24-bit color LCD to SVGA
<b>Common Interfaces</b>	10/100base-T Ethernet with RJ45 connector, 1x USB 1.1 host with Type A connector, 1x USB function with Type B connector, 3x serial ports, 4x analog inputs, SPI, CompactFlash Type I and II with connectors
<b>Other Features</b>	Stereo audio codec, 4 or 5-wire touchscreen interface
<b>Operating Temp</b>	0/+60°C



## GCM



<b>Processor</b>	Marvell PXA320 @ 806 MHz
<b>Form Factor</b>	4x6 inch (102x152 mm)
<b>Memory</b>	Up to 256 MB DDR SDRAM
<b>Video</b>	LCD, RGB565, VGA
<b>Common Interfaces</b>	10/100base-T Ethernet; 2x USB 1.1 host ports; 1x USB 2.0 function port (low/full/high speed); 3 serial ports: 1x EIA-232/EIA-422/EIA-485, 2x EIA-232 w/ LVTTTL option (for external alternatives like Bluetooth, IrDA); ADSmartIO: analog inputs, digital GPIO, UART, 6x8 keypad support; 1x CAN 2.0b port; 1x I <sup>2</sup> C port
<b>Other Features</b>	Stereo audio codec, 4 or 5-wire touchscreen interface, 1x Camera Sensor Interface port option, 2x software-controlled LED status indicators, RTC
<b>Operating Temp</b>	0/+60°C



## BitsyXb

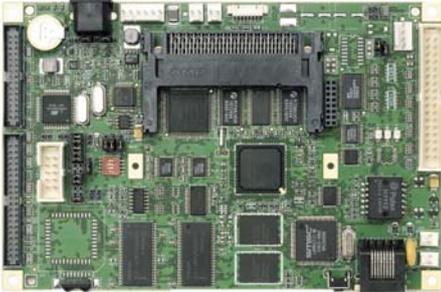


<b>Processor</b>	Marvell PXA270 @ 520 MHz
<b>Form Factor</b>	3x5 inches (76x127 mm)
<b>Memory</b>	Up to 128 MB DDR SDRAM
<b>Video</b>	LCD, SVGA
<b>Common Interfaces</b>	PCMCIA (Type II, available for devices like Ethernet, 802.11); USB master hub; 3 serial ports: 1x EIA-232, 1x 3.3V logic/EIA-232/rDA, 1x EIA-232; ADSmartIO: 10x digital I/O; 9x configurable I/O; 1x I <sup>2</sup> C bus with I <sup>2</sup> C master controller; 1x SPI port
<b>Other Features</b>	16-bit stereo audio codec; 4 or 5-wire touchscreen interface; PS2 keyboard support; External interrupt input support
<b>Operating Temp</b>	0/+60°C





## GCX



<b>Processor</b>	Marvell PXA255 @ 400 MHz
<b>Form Factor</b>	4x6 inch (102x152 mm)
<b>Memory</b>	Up to 256 MB DRAM
<b>Video</b>	LCD or VGA interface
<b>Common Interfaces</b>	10/100base-T Ethernet; 1x USB 1.1 function port; 3 serial ports: 1x EIA-232/EIA-422/EAI-485, 1x EIA-232/IrDA, 1x EIA-232; ADSmartIO: up to 18x digital IO, 4x analog inputs, PS/2 interface; PCMCIA; CAN 2.0b support; I <sup>2</sup> C controller; NSSP (Network Synchronous Serial Port)
<b>Other Features</b>	Stereo audio codec; 4 or 5-wire touchscreen interface; 3x software controlled LED status indicators; 4x software readable configuration switches; RTC w/ backup battery
<b>Operating Temp</b>	0/+60°C



## AGX



<b>Processor</b>	Marvell PXA255 @ 400 MHz
<b>Form Factor</b>	4x7 inches (102x178 mm)
<b>Memory</b>	Up to 256 MB SDRAM
<b>Video</b>	16-bit LCD
<b>Common Interfaces</b>	10/100base-T Ethernet; 1x USB 1.1 host; 1x USB 1.1 function; 7 serial ports: 1x EIA-232/EIA-422/EIA-485/J1708, 1x EIA-232/IrDA, 2x EIA-232/3.3V logic, 1x EIA-232/3.3V CMOS, 2x 3.3V logic; 10x digital GPIO; 4x analog input; ADSmartIO: 16x digital GPIO configurable for digital I/O and/or up to 8x8 matrix keypad; 1x CAN bus
<b>Other Features</b>	Stereo audio codec, 4 or 5-wire touchscreen interface, System backup, RTC, Graphics Accelerator
<b>Operating Temp</b>	0/+60°C



## VGX



<b>Processor</b>	Marvell PXA255 @ 400 MHz
<b>Form Factor</b>	4x7 inches (102x178 mm)
<b>Memory</b>	Up to 256 MB SDRAM
<b>Video</b>	LCD, Analog RGB, 24-bit LVDS, RGB565
<b>Common Interfaces</b>	10/100base-T Ethernet; 1x USB 1.1 host; 1x USB 1.1 function; 7 serial ports: 1x EIA-232/EIA-422/EIA-485/J1708, 1x EIA-232/IrDA, 3x RS-232/3.3V logic, 2x 3.3V logic; ADSmartIO: 16x digital I/O, 10x GPIO, 4x A/D inputs, 8x8m matrix keypad support; 2x CAN 2.0b buses (full speed); 1x I <sup>2</sup> C port; 1x SPI/SSP port
<b>Other Features</b>	4 or 5-wire touchscreen interface; 3x software-controlled LED status indicators; 4x software readable configuration switches; RTC
<b>Operating Temp</b>	0/+60°C



# Low Power CPU Boards in other form factors

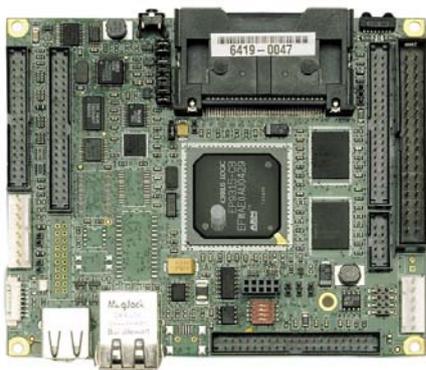
## Bitsy G5



<b>Processor</b>	Freescale i.MX31 @ 532 MHz
<b>Form Factor</b>	3x5 inches (76x127 mm)
<b>Memory</b>	128 MB DDR SDRAM
<b>Video</b>	LCD, XGA, VGA w/ MPEG-4 hardware encoder
<b>Common Interfaces</b>	10/100base-T Ethernet; 1x USB 1.1 host port; 1x USB 2.0 function port (low/full); 3 serial ports: 2x EIA-232, 1x EIA-232/IrDA; ADSmartIO: 4x analog inputs, 9x digital I/O or 5 analog inputs w/ 4 digital I/O; 1x I <sup>2</sup> C port
<b>Other Features</b>	Stereo audio codec, 4 or 5-wire touchscreen interface
<b>Operating Temp</b>	0/+60°C



## Sphere II



<b>Processor</b>	Cirrus EP9315 @ 200 MHz
<b>Form Factor</b>	4.0x4.6 inches (102x117 mm)
<b>Memory</b>	Up to 128 MB DRAM
<b>Video</b>	LCD
<b>Common Interfaces</b>	10/100base-T Ethernet; 3x USB 2.0 host ports (low/full speed); 3 serial ports: 1x EIA-232, 1x EIA-232/IrDA, 1x EIA-422/485; ADSmartIO: 16x digital I/O or 8x8 matrix keypad, 20x additional GPIO; 1x I <sup>2</sup> C port; 1x SSP/SPI port
<b>Other Features</b>	Stereo audio codec, 4 or 5-wire touchscreen interface, RTC with battery backup, IDE interface
<b>Operating Temp</b>	0/+60°C



# Low Power CPU Cores

## Adbc8022

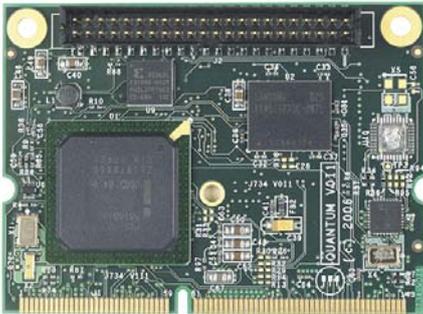


<b>Processor</b>	Intel Core Duo processor L2400 1.66 GHz
<b>Form Factor</b>	COM Express PICMG COM.0R1.0 Specification 155x110x18 mm (except DIMM socket)
<b>Memory</b>	Main memory: DDR2 DIMM socket x2 (dual channel) 4 GB max., compatible with PC2-3200 Registered DIMM
<b>Video</b>	VGA: 1280x1024 @ 24 bit
<b>Common Interfaces</b>	2x Serial ATA 1.0a, 4x USB 2.0, 1x 10/100/1000base-T Ethernet, 1x Ultra ATA/100 PCI: 32 bits/33MHz PCI Express: x4 link 5 ports for PCI Express Interface 1.0a SMBus: 1 port System Management Bus 2.0 I <sup>2</sup> C: 1 port I <sup>2</sup> C Bus 2.1
<b>Availability</b>	By Q1 2008
<b>Operating Temp</b>	0/+60°C





## QUANTUM



<b>Processor</b>	XScale PXA270 312 or 520 MHz
<b>Form Factor</b>	67.6x50 mm SO-DIMM CPU core
<b>Memory</b>	64 MB SDRAM soldered on board; 256 KB SRAM; up to 64 MB Flash soldered on board
<b>Video</b>	TFT/STN/LVDS flat panel support; 4 wire touchscreen
<b>Common Interfaces</b>	5x TTL serial ports, 1x USB 1.1 host port, 1x USB 1.1 host/client port, IDE, MCC/SD/SDIO, CF, AC97 CODEC
<b>Other Features</b>	I <sup>2</sup> C bus, 2x PWM outputs
<b>Operating Temp</b>	0/+60°C



## TurboXb Module



<b>Processor</b>	Marvell PXA270 @ 520 MHz
<b>Form Factor</b>	2.7x2.4 inch (68x60 mm) SO-DIMM CPU core
<b>Memory</b>	Up to 128 MB DRAM
<b>Video</b>	24-bit color LCD to SVGA
<b>Common Interfaces</b>	Support for 10/100base-T Ethernet; support for 1x USB 1.1 host; support for 1x USB function; 3 serial ports, 4x analog inputs, SPI
<b>Other Features</b>	Support for CompactFlash Type I and II
<b>Operating Temp</b>	0/+60°C



## TurboIXP Module

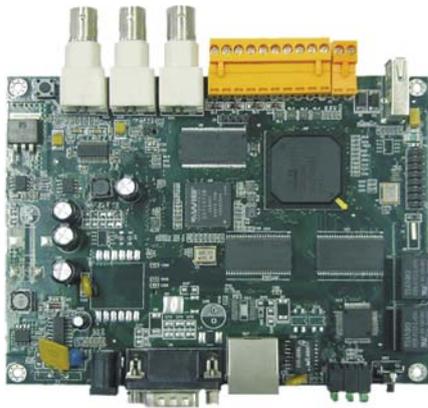


<b>Processor</b>	Intel IXP465 @ 667 MHz
<b>Form Factor</b>	4.0x2.7 inches (102x185 mm)
<b>Memory</b>	Up to 128 MB DDR SDRAM
<b>Video</b>	Support available through Adapter Board
<b>Common Interfaces</b>	Support for 2x 10/100base-T Ethernet; support for 1x USB 2.0 host port (low/full speed); support for 1x USB 1.1 function port (low/full speed); 2 serial ports: 1x EIA-232/EIA-485, 1x EIA-232/3.3V; 11x GPIO; 1x 32-bit PCI v2.2; 1x I <sup>2</sup> C port; 1x SSP port
<b>Other Features</b>	IEEE1588; 1x 32-bit expansion interface; 2x PCMCIA
<b>Operating Temp</b>	0/+60°C



# Digital Signage Boards

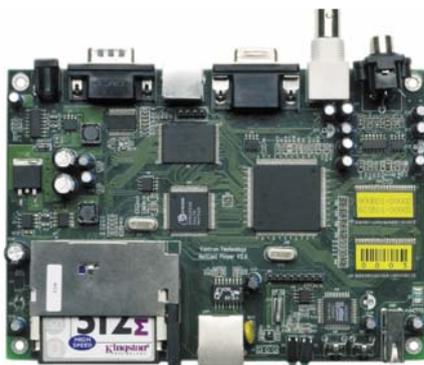
## netCast Streamer II



Processor	Samsung Arm 9 CPU with WIS MPEG-4 codec engine
Form Factor	5.5x4.1 inches (140x105 mm)
Memory	32 MB DRAM
Video	Up to four external NTSC/PAL video input channels, resolution up to NTSC and PAL; MEG-4/MPEG-2 video compressor
Common Interfaces	10/100base-T Ethernet; 1x USB 1.1 host; 2 serial ports: 1x EIA-232, 1x EIA-485
Wireless Connectivity	IEEE 802.11b/g (optional)
Other Features	Stereo audio input; browser-accessed video control
Operating Temp	0/+60°C



## netCast Player II

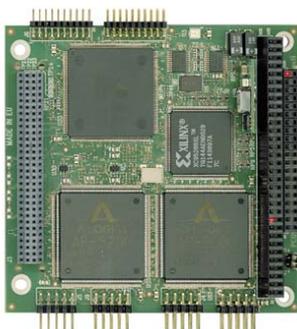


Processor	MIPS CPU with Sunplus MPEG-4/MPEG-2 decoding engine
Form Factor	5.9x4.3 inch (150x109)
Memory	32 MB DRAM
Video	CVBS/S-Video/VGA with resolution up to NTSC and PAL; support for MPEG-4/MPEG-2 Video over IP streams over RTP
Common Interfaces	10/100base-T Ethernet; 1x USB 1.1 host; 1x RS-232 serial port; 1x CompactFlash (Type II) slot
Wireless Connectivity	IEEE 802.11b/g (optional)
Other Features	Stereo audio output, 1x external Video over IP input (wire or wireless)
Operating Temp	0/+60°C



# PC/IO4 Add-on Modules

## CTR-1471

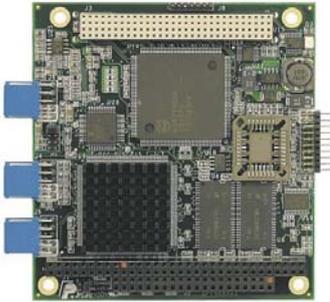


Type	Video data capture and compression
Form Factor	PC/IO4+
Description	JPEG 2000 encoder module with 4 analog video input
Operating Temp	0/+60°C





## CTR-1475



**Type** Video acquisition and compression

**Form Factor** PC/104+

**Description** MPEG-4 video compressor, encoder and frame grabber module compressor with 4 video in + 8 digital I/O channels

**Operating Temp** 0/+60°C



## INT-1462



**Type** Video acquisition

**Form Factor** PC/104+

**Description** Fusion Bt878 frame grabber with 4 video in + one audio input, +24 flexible digital I/O channels

**Operating Temp** 0/+60°C



## INT-1410



**Type** Audio Switch Matrix

**Form Factor** PC/104+

**Description** 4x CODEC's Audio Switch Matrix module with 8 audio in + 8 audio out

**Operating Temp** 0/+60°C



## CTR-1462



**Type** PCMCIA Cardbus Removable Expansion

**Form Factor** PC/104+

**Description** PCMCIA Cardbus controller module with 1 32-bit slot for type I, II and III card support

**Operating Temp** 0/+60°C



# PC/IO4 Add-on Modules

## PRV-1059



Type	Ethernet Switch
Form Factor	PC/104
Description	5 Ports Ethernet 10/100 Mbps switch with VLAN support
Operating Temp	0/+60°C



## COM-1230



Type	ISDN Communication
Form Factor	PC/104
Description	ISDN module with B- and D-channel HDLC support
Operating Temp	0/+60°C

## COM-1274



Type	Multi Serial Communication
Form Factor	PC/104
Description	8x Asynchronous serial port (RS232/422/485), 2x CAN 2.0B
Operating Temp	0/+60°C



## AIM104-COM4

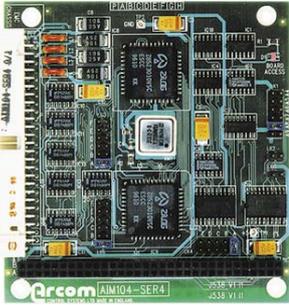


Type	Multi Serial Communication
Form Factor	PC/104
Description	4x Asynchronous serial interface module with 2x RS-232 and 2x isolated RS-422/RS-485 port
Software	C Library
Operating Temp	0/+60°C





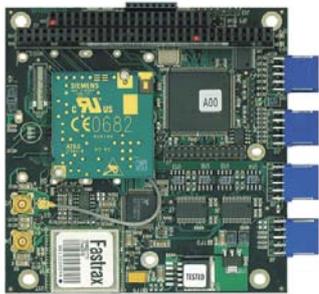
## AIM104-SER4



Type	Serial Communication
Form Factor	PC/104
Description	4 Channel RS-232 serial communications (Zilog 85230 Interface)
Accessories	C Library
Op. temp. range max	0/+60°C



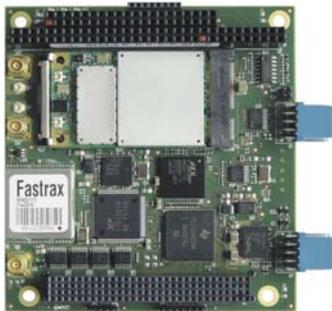
## COM-1289



Type	Wireless Communication and positioning
Form Factor	PC/104
Description	Low power 12-channel GPS receiver and Tri-band class 16 GSM/GPRS modem
Operating Temp	0/+60°C



## COM-1480



Type	High Speed 3G Wireless Communication and positioning
Form Factor	PC/104+
Description	Tri-band UMTS/HSDPA (optional CDMA 1xEV-DO Rev A) cellular modem with 12-ch GPS receiver
Availability	By Q2 2008
Operating Temp	0/+60°C

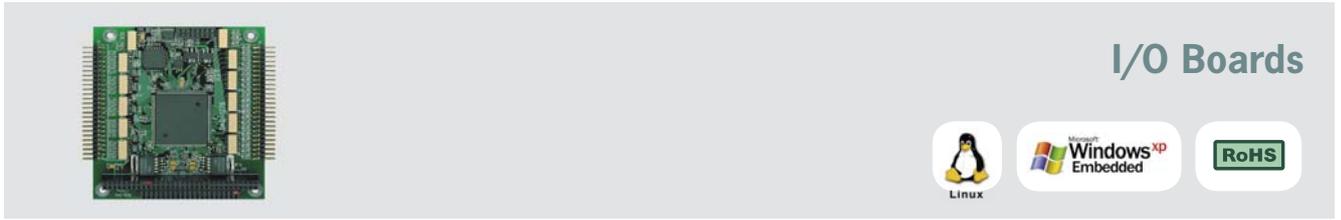


## COM-1452



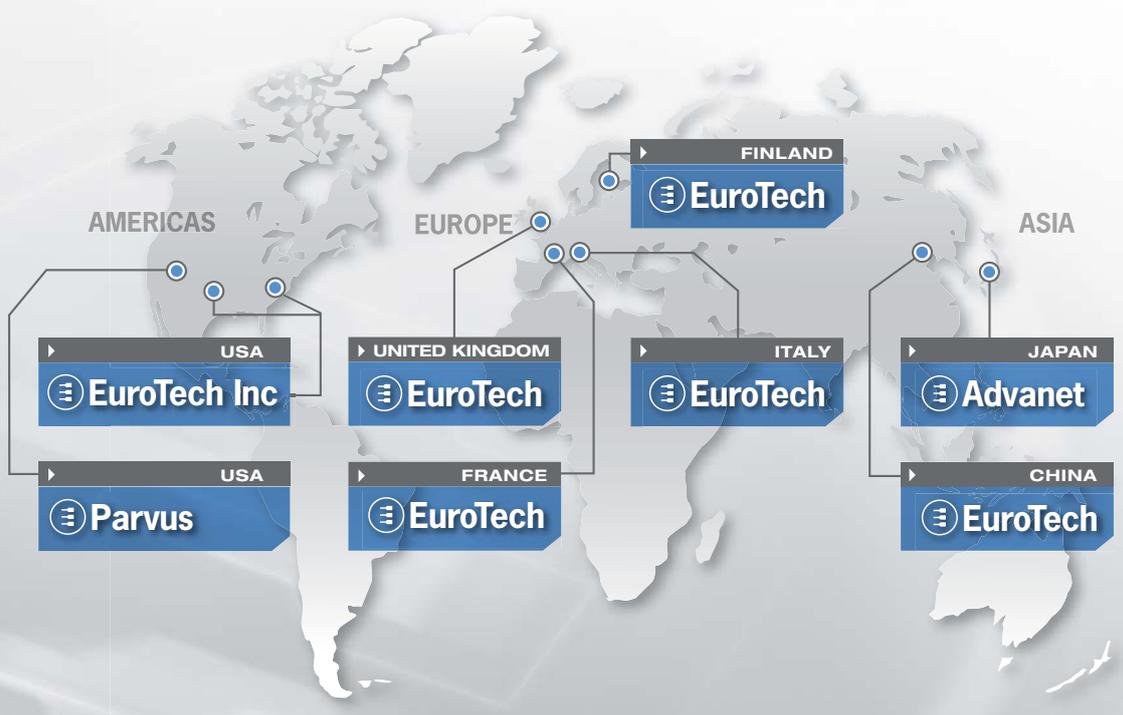
Type	Network Communication
Form Factor	PC/104+
Description	Multi Ethernet board with up to 5 Ethernet controllers
Operating Temp	0/+60°C





Name	Type	Description	Software	Operating Temp
<b>DAQ-1278</b>	Digital I/O	Galvanically Isolated DIO 24 Inputs, 24 Outputs		-20/+60°C
<b>AIM104-IN16</b>	Digital Input	16-channel Opto-Isolated Digital Input Module		-20/+60°C
<b>AIM104-IO32</b>	Digital I/O	32 TTL compatible digital I/O		-20/+60°C
<b>AIM104-RELAY8/IN8</b>	Digital Power I/O	8 Changeover Relays and 8 Opto-isolated Inputs		-20/+60°C
<b>AIM104-OUT16</b>	Digital Power Output	16 Opto-isolated, Darlington driver outputs 30V max load operating 40KHz max output		-20/+60°C
<b>AIM104-ADC16/IN8</b>	Galvanic Isolated Analog and Digital I/O	Opto-Isolated 16-channel 12-bit ADC, Opto-Isolated 8-channel Digital Inputs Module	C Library	-20/+60°C
<b>AIM104-MULTI-IO</b>	Analog I/O	16-channel 12-bit ADC, 2-channel 12-bit DAC, 8-channel Opto-Isolated Digital Inputs Module	C Library	-20/+60°C

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