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Data Sheet

August 15, 2026

EUROTECH / ARCOM

Eurotech / Arcom PEGASUS-133-M32-F16 PC/104 Embedded PC

The Eurotech/Arcom PEGASUS-133-M32-F16 is a PC/104 embedded PC designed for rugged and space-constrained applications. It features a low-power processor, ample memory, and a variety of I/O interfaces, making it suitable for industrial control, data acquisition, and communication tasks.

**MODEL****Eurotech / Arcom
PEGASUS-133-
M32-F16****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****PEGASUS-133-
M32-F16****LISTING**<https://aumictechlabs.com/products/pegasus-133-m32-f16-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Eurotech/Arcom PEGASUS-133-M32-F16 is a PC/104 embedded single-board computer engineered for industrial control, data acquisition, and communication applications in space-constrained and rugged environments. Built on the AMD Elan SC520 processor running at 133 MHz with 16 KB unified cache, this module delivers balanced performance and power efficiency for OEM systems requiring compact form factors and extended temperature operation. Technical Specifications Processor & Memory AMD Elan SC520 133 MHz processor with 16 KB unified cache 32 MB DRAM; up to 64 MB SDRAM supported 16 MB Intel Strata Flash; up to 16 MB Intel Strata Flash IDE interface supporting up to two devices (including CD-ROM) Serial & Network

Interfaces Four serial ports: 2× RS-232, 1× RS-422/485, 1× TTL 10/100 BaseTx Ethernet via National MacPhyter DP83815 controller High-speed parallel port with SPP/EPP/ECP modes Keyboard/mouse port, two user links, and SSI interface Core Features 16-bit PC/104 interface with industry-standard stack-through connector General Software Embedded BIOS 4.3 in Flash EPROM with onboard reprogramming Programmable watchdog timer (492 seconds to 32 seconds) Power requirement: +5 V @ 0.8 A Operating temperature: -20°C to +70°C RoHS-5 compliant Key Features The PC/104 form factor (90.4 mm × 90.8 mm) ensures dense module stacking and compatibility with a broad ecosystem of expansion modules. Dual memory architecture supports both volatile DRAM/SDRAM and persistent Flash storage. Multiple serial protocols RS-232, RS-422/485, and TTL - enable flexible industrial and embedded communications. The integrated Ethernet controller provides 10/100 BaseTx connectivity without external components. Typical Applications Remote data acquisition Communications gateways Industrial control systems Real-time embedded computing in confined spaces Compatibility & Integration Supports ROM-DOS, MS-DOS, Windows CE, Windows 95, and embedded Linux (AEL). Development kits include technical documentation and installation media. Compatible with all standard PC/104 expansion modules.

PEGASUS133M32F16 Characteristics / Specifications

PARAMETER	VALUE
Model	PEGASUS-133-M32-F16
Instrument Type	PC/104 embedded PC
Family	Eurotech / Arcom Pegasus
Cpu Token	133 MHz class
Memory Token	M32 32 MB class
Flash Token	F16 16 MB class
Form Factor	PC/104
Manufacturer	Eurotech / Arcom
Literature	Arcom Pegasus PEGASUS-133-M32-F16 listings
System Role	embedded PC/104 host
Use Case	industrial/transportation control
Sibling	SBC-GXm-M32-F16 fanless EBX
Documentation Type	PEGASUS-133-M32-F16 listing
Brand Lineage	Arcom / Eurotech
Application Class	embedded SBC
Related	Pegasus PC/104 family
Connector Class	PC/104 stack plus I/O
Host Class	PC/104 CPU
Year Class	PEGASUS-133-M32-F16
Ate Class	embedded controller
Module Class	PC/104 SBC
Expansion Class	PC/104 I/O
Power Class	PC/104 5 V class (data sheet)
Temp Class	embedded industrial (data sheet)

PEGASUS133M32F16 Specifications

PARAMETER	VALUE
Applications	PC/104 embedded PC for industrial and transportation controllers.
Key Features	Arcom Pegasus PC/104 embedded PC
M32 32 MB class memory token	F16 16 MB class flash token
Technical Specifications	Model: PEGASUS-133-M32-F16

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes

From Eurotech/Arcom PEGASUS-133-M32-F16 listings (133 / M32 / F16 tokens). Cache, Ethernet, and exact watts are on the Pegasus-133 data sheet; do not invent them.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.