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Data Sheet
August 1, 2026

ARCOM

Arcom APC Computer

Arcom APC Computer – Industrial Rack-Mount PC The Arcom APC isarugged 19-inch rack-mount industrial PC system from Arcom Control Systems (later Eurotech lineage). The standard APC chassis is 4U high by about 450 mm deep, CE approved for residential/commercial emissions and industrial immunity, and FCC Part 15 Class B. UL system approval is documented under file E203067 for complete chassis/PSU/processor/backplane configurations. Configurations historically used industrial slot-PC processor boards (Socket 370 Pentium III class through Socket 478 Pentium 4 / Celeron class) with multi-slot ISA/PCI backplanes (example standard: 14 slots – eight ISA, four PCI, two shared). Exact CPU, memory, storage, and PSU rating are configuration-dependent and must be read from the installed boards and labels. The Arcom APC isarugged 19-inch rack-mount industrial PC system from Arcom Control Systems (later Eurotech lineage). The standard APC chassis is 4U high by about 450 mm deep, CE approved for residential/commercial emissions and industrial immunity, and FCC Part 15 Class B. UL system approval is documented under file E203067 for complete chassis/PSU/processor/backplane configurations. Configurations historically used industrial slot-PC processor boards (Socket 370 Pentium III class through Socket 478 Pentium 4 / Celeron class) with multi-slot ISA/PCI backplanes (example standard: 14 slots –

MODEL **Arcom APC**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **APC**	LISTING **https://aumictechlabs.com/products/apc-2/**

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This unit

The Arcom APC Computer is a single-board computer engineered for embedded systems in industrial control, data acquisition, and communication applications. It delivers configurable processor optionsAMD SC520 at 133 MHz, AMD K6-2 at 300 MHz, or Intel Pentium 4/Celeron variants - paired with scalable memory architectures supporting up to 64 MB SDRAM or 2 GB DDR SDRAM depending on model. The platform integrates flash storage up to 16 MB, IDE hard disk support, and optional battery-backed SRAM.Connectivity spans four high-speed UARTs (RS-232, RS-422/485, TTL), 10/100 BaseTx Ethernet, and extensive expansion via PC/104 format compatibility with 10 legacy ISA slots and 4 PCI revision 2.2 slots. Operating temperature ranges from -20°C to +70°C across standard models, with Panel PC variants rated 0°C to +50°C. Power supplies scale from 100 W to 450 W depending on configuration, with input acceptance of 95–250 V AC (50–60 Hz) or 11–32 V DC.The platform runs DOS 6.22 through Windows XP Embedded and includes embedded BIOS 4.3 with onboard reprogramming capability and programmable watchdog timer functionality (32–492 seconds).Technical Specifications Processor: AMD SC520 (133 MHz), AMD K6-2 (300 MHz), Intel Pentium 4, or Celeron Memory: Configurable 8 MB, 16 MB, or 32 MB SIMM; up to 64 MB SDRAM; DDR SDRAM options up to 2 GB Cache: 16 KB unified Storage: 16 MB Intel Strata Flash, 128 KB battery-backed SRAM (optional), two IDE device support, 1.44 MB floppy drive, CompactFlash slot (select models) BIOS: General Software Embedded BIOS 4.3 in Flash EPROM with reprogramming capability Watchdog Timer: 492 seconds to 32 seconds (programmable) Operating Temperature: -20°C to +70°C (standard); 5°C to +45°C (Pentium 4); 0°C to +50°C (Panel PC) Power Supply: 100 W–450 W depending on model; Input 95–250 V AC (50–60 Hz) or 11–32 V DC (Panel PC) Power Rails: +5 V @ 48 A, +12 V @ 28 A, +3.3 V @ 28 A, -12 V @ 1 A, -5 V @ 0.8 A PSU MTBF: 100,000 hours @ full load, 25°C EMI/RFI: BS EN55022 Class B compliantKey Features Four 16C550-compatible UARTs with RS-232, RS-422/485, and TTL configurations 10/100 BaseTx Ethernet interface PC/104 slot expansion with 10 ISA and 4 PCI (rev. 2.2) slots (select configurations) Operating system support: DOS 6.22, Windows 95/98/NT/XP Pro, XP Embedded Wide input voltage range supports -48 V DC, UPS, and dual-redundant power configurationsTypical Applications Industrial control systems Data acquisition platforms Communication infrastructure Field-deployed embedded solutions requiring thermal resilienceCompatibility & Integration PC/104 form factor enables modular expansion. Flash EPROM BIOS supports field updates without external programming tools. Legacy and modern operating system support spans production environments from legacy DOS systems through Windows XP Embedded.

Features & description

From manufacturer datasheet

Features

• Rugged 19-inch 4U rack-mount industrial PC chassis • About 450 mm depth class • CE and FCC Part 15 ClassBapproved system product • UL file E203067 system approval (complete configurations) • Industrial slot-PC processor board (generation dependent) • Multi-slot ISA/PCI backplane (14-slot class example) • Pre-install options historically included Windows, Linux, or DOS

APC Characteristics / Specifications

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Arcom APC Computer	Industrial Rack-Mount PC Overview The Arcom APC isarugged 19-inch rack-mount industrial PC system from Arcom Control Systems (later Eurotech lineage). The standard APC chassis is 4U high by about 450 mm deep, CE approved for residential/commercial emissions and industrial immunity, and FCC Part 15 Class B. UL system approval is documented under file E203067 for complete chassis/PSU/processor/backplane configurations. Configurations historically used industrial slot-PC processor boards (Socket 37
Model	APC
Manufacturer	Arcom Control Systems
Instrument Type	Industrial rack-mount PC / embedded computer system
Chassis	19 in rack; 4U height; approximately 450 mm deep
EMC	CE residential/commercial emissions; industrial immunity; FCC Part 15 ClassBSafety: UL file E203067 (system configurations)
Backplane (example)	14 expansion slots – 8 ISA, 4 PCI, 2 ISA/PCI shared (other options available)
Processor (historical examples)	Socket 370 up to about 1 GHz Pentium III; later Socket 478 up to about 3.06 GHz Pentium 4 / 2 GHz Celeron class
Example Standard Config (published generation)	Pentium 4 2.8 GHz, 256 MB DDR, 80 GB HDD, CDRW/DVD, 14-slot backplane
I/O / Expansion	Depends on installed SBC and cards – typically Ethernet, serial, VGA; PC/104 on related Arcom SBC lines
Operating Systems (historical)	Windows 98/NT/XP Embedded, Red Hat Linux, MS-DOS base systems Standard Operating Conditions Provide rack airflow and observe PSU input ratings. Confirm installed CPU thermal requirements. Do not hot-swap expansion cards unless the specific backplane supports it.
Catalog narratives may blend multiple Arcom SBC and APC generations	verify the physical chassis, backplane, and CPU board on the unit. This is an industrial computer, not an APC by Schneider Electric UPS. Omit price and unrelated NI CompactRIO calibration boilerplate from OEM identity.

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

Technical Specifications

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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

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