



449.00 EUR

incl. 19% VAT, plus shipping

- Advanced I/O!
- Mini-ITX!



Fast-track the development of embedded systems for the most demanding industrial and commercial usage scenarios with the VIA EPIA-M930 Mini-ITX board. Combining a 1.8GHz Intel® Celeron® quad-core processor with a wealth of I/O and connectivity features, including support for up to three displays, the VIA EPIA-M930 provides a flexible and reliable platform for myriad applications based on a compact Mini-ITX form factor.

Hardware

Powered by a 1.8GHz Intel® Celeron® quad core processor, the VIA EPIA-M930 Mini-ITX board accommodates up to 32GB system memory using its DDR4 SODIMM slot. The board supports up to three displays using one HDMI and two LVDS ports as well as enabling flexible storage options through its SATA 3 and M.2 connectors. Additional I/O and networking features include up to four USB 2.0 ports, two USB 3.1 ports, up to four COM ports, one DIO for 8-bit GPIO, and dual Gigabit Ethernet connectors, as well as one SIM card, one PCIe, and two M.2 slots.

The functionality of the VIA EPIA-M930 Mini-ITX board can be enhanced using its onboard pin headers and a variety of Wi-Fi & Bluetooth, 4G LTE mobile broadband, and LTE mobile broadband & GPS M.2 modules.

Software

The VIA EPIA-M930 Mini-ITX board is compatible with Microsoft® Windows® 10, Microsoft® Windows® 11 and the most popular Linux distributions.

Model Name EPIA-M930

CARTET. COM Shop for mobile PC- and GPS-Solutions

Onboard I/O

VIA EPIA-M930 (1.8GHz VIA QuadCore)

[http://www.cartft.com/catalog/il/3394]

Processor

1.8GHz Intel® Celeron® Quad Core processor

BIOS

AMI UEFI BIOS, 256Mbit SPI Flash ROM

System Memory

1 DDR4 SODIMM slot Up to 32GB memory

Storage 1 SATA connector

1 M.2 slot

Graphics Integrated Intel Graphics Gen 11-Low Power (Gen 11-LP) Supports OpenCL* 1.2, OpenGL 4.5,

OpenGL-ES 3.2, Vulkan. v1.1, DirectX

LAN 2 Realtek RTL8111H -CG 10/100/1000M Ethernet controllers
Audio Realtek ALC888S-VD2-GR High Definition Audio Codec

Expansion I/O 1 PCIe x1 slot

1 SATA

1 USB 2.0 pin headers for 2 ports

2 Dual channel 18/24-bit LVDS panel connectors

2 COM port pin headers (powered with selectable 5V/12V)

1 I2C pin header

1 Digital I/O pin header (4 GPI + 4 GPO)1 Front audio pin header for Line-out, Mic-in1 Smart Fan pin headers for CPU and system

2 Backlight control connectors for inverter power and brightness control

1 RTC battery holder w/ battery1 Clear CMOS jumper header1 4-pin 12V DCIN power connector

1 PCIe x1 slot

1 M.2 slot for Wi-Fi 1 M.2 slot for storage/LTE

1 SIM card slot1 HDMI port

2 COM port (powered with selectable 5V/12V)

2 Gigabit Ethernet port

Back Panel I/O 2 USB 3.0 ports

2 USB 2.0 ports

3 Audio jacks: Line-in, Line-out, and Mic-in

Power Supply 12V DC-in

Operating System Windows 10/11, Linux

System Monitoring and Wake-on-LAN, System power management, Power failure recovery, Watchdog Timer, internal TPM,

Management secure boot Operating Temperature $0^{\circ}\text{C} \sim 60^{\circ}\text{C}$

Operating Humidity $0\% \sim 95\%$ (non-condensing) Form Factor Mini-ITX (17cm x 17cm, 6.7" x 6.7")

Compliance CE, FCC, UKCA