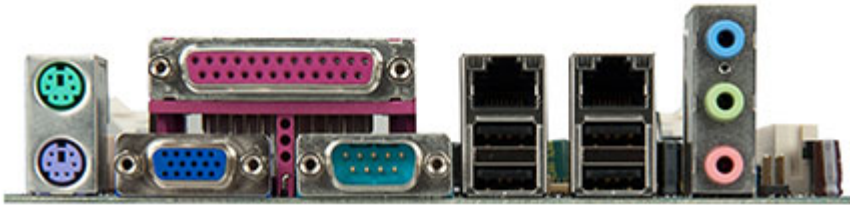


999.00 EUR  
incl. 19% VAT, plus [shipping](#)

- Rich I/O !
- Up to 6 COM ports !
- VIA EDEN CPU !
- Mini-ITX !



The VIA VB7009 is a compact Mini-ITX embedded board designed specifically for POS and kiosk applications. With a wide variety of CPU choices ranging from a fanless 1.0GHz VIA C7 to more powerful options including the fanless 1.2GHz quad core VIA Eden X4 E-Series processor, the VIA VB7009 provides superior flexibility to meet a wide variety of embedded computing needs.

#### Hardware

Based on the Mini-ITX form factor measuring 17cm x 17cm, the VIA VB-7009 integrates the VIA VX900H MSP and provides a rich set of I/O and connectivity features, including an onboard VGA port, onboard dual-channel LVDS, and support for up to three COM ports and up to eight USB 2.0 ports.

#### Software

The VIA VB7009 is compatible with Windows 7, Windows CE 7.0, Windows 6.0, Windows CE 5.0, Windows XP, as well as most popular Linux distributions. A wide range of software development tools are available, including the VIA Smart ETK.

#### Expandability

The functionality of the VIA VB7009 can be further enhanced with the integration of a choice of optional high-speed Wi-Fi modules and I/O expansion cards.

#### Applications

The VIA VB7009 provides a reliable and flexible solution for a wide variety of POS and kiosk applications.

Model Name	VB7009
Processor	-12QCE: 1.2GHz VIA Eden X4 (fanless) -16: 1.6GHz VIA C7-D (with fan) -10E: 1.0GHz VIA C7 (fanless)
Chipset	VIA VX900 Media System Processor
BIOS	AMI BIOS, 8Mbit Flash memory
System Memory	1 DDR3 1066 DIMM slot Up to 4GB memory size
Storage	2 SATA connectors

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Graphics	Integrated VIA C-9 HD DX9 3D/2D graphics with MPEG-2, WMV9, VC1 and H.264 video decoding acceleration
LAN	2 VIA VT6130 PCIe Gigabit Ethernet controller
Audio	VIA VT1708S High Definition Audio Codec
Super I/O	Fintek 81865F-I
Expansion I/O	1 PCI slot 2 SATA connectors 2 USB 2.0 pin headers for 4 ports 1 Dual-channel 18/24 bit LVDS panel connector 1 LVDS panel power selector (5V/3.3V) 1 LVDS inverter pin header 1 LVDS inverter power selector (5V/12V) 5 COM port pin headers 2 optional (powered with selectable 5V/12V)
Onboard I/O	1 LPC pin header 1 SMBus pin header 1 S/PDIF-out connector 1 Digital I/O pin header (4 GPI + 4 GPO) 1 Front audio pin header for Line-out, Mic-in 2 Smart Fan pin headers for CPU and system 1 ATX power connector 1 PCI slot 4 USB 2.0 ports 1 VGA port 1 COM port
Back Panel I/O	1 Parallel port 2 Gigabit Ethernet ports 3 Audio jacks: Line-in, Line-out, and Mic-in 2 PS/2 keyboard/mouse ports
Power Supply	ATX power connector
Operating System	Windows 7, WES 7, Windows CE, Linux, POSReady 7
System Monitoring and Management	Wake-on-LAN, Keyboard Power-on, Timer Power-on, System power management, AC power failure recovery, Watch Dog Timer
Operating Temperature	0°C ~ 60°C
Operating Humidity	0% ~ 95% (non-condensing)
Form Factor	Mini-ITX (17cm x 17cm, 6.7" x 6.7")
Compliance	CE/FCC