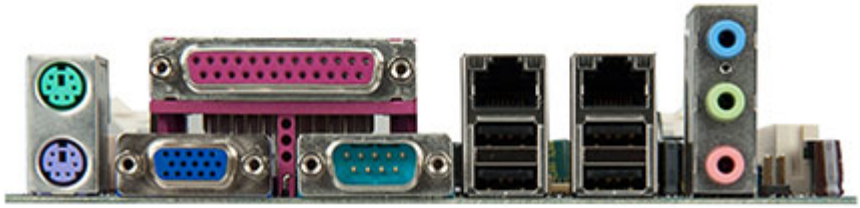
999.00 EUR
incl. 19% VAT, plus shipping

- 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

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
Onboard I/O	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) 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
Back Panel I/O	4 USB 2.0 ports 1 VGA port 1 COM port 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