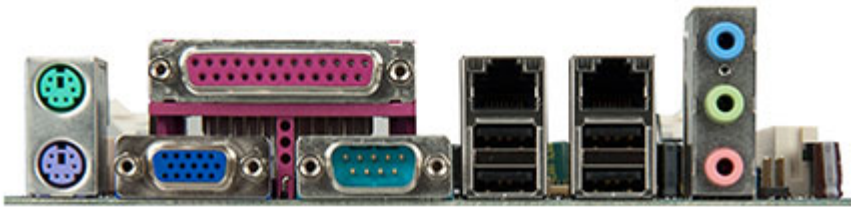


999.00 EUR  
incl. 19% VAT, plus [shipping](#)

- 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)<br>-16: 1.6GHz VIA C7-D (with fan)<br>-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<br>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<br>2 SATA connectors<br>2 USB 2.0 pin headers for 4 ports<br>1 Dual-channel 18/24 bit LVDS panel connector<br>1 LVDS panel power selector (5V/3.3V)<br>1 LVDS inverter pin header<br>1 LVDS inverter power selector (5V/12V)<br>5 COM port pin headers 2 optional (powered with selectable 5V/12V) |
| Onboard I/O                      | 1 LPC pin header<br>1 SMBus pin header<br>1 S/PDIF-out connector<br>1 Digital I/O pin header (4 GPI + 4 GPO)<br>1 Front audio pin header for Line-out, Mic-in<br>2 Smart Fan pin headers for CPU and system<br>1 ATX power connector<br>1 PCI slot<br>4 USB 2.0 ports<br>1 VGA port<br>1 COM port             |
| Back Panel I/O                   | 1 Parallel port<br>2 Gigabit Ethernet ports<br>3 Audio jacks: Line-in, Line-out, and Mic-in<br>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                                                                                                                                                                                                                                                                                                        |