



#### 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



## VIA VB7009-12QCE (1.2GHz VIA Eden X4) [FANLESS]

[http://www.cartft.com/catalog/il/655]

Graphics

LAN Audio Super I/O

Expansion I/O

Onboard I/O

Back Panel I/O

Power Supply Operating System

System Monitoring and Management

Operating Temperature
Operating Humidity
Form Factor

Compliance

Integrated VIA C-9 HD DX9 3D/2D graphics with MPEG-2, WMV9,

VC1 and H.264 video decoding acceleration 2 VIA VT6130 PCIe Gigabit Ethernet controller VIA VT1708S High Definition Audio Codec

Fintek 81865F-I 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)

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

1 Parallel port

2 Gigabit Ethernet ports

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

2 PS/2 keyboard/mouse ports

ATX power connector

Windows 7, WES 7, Windows CE, Linux, POSReady 7

Wake-on-LAN, Keyboard Power-on, Timer Power-on, System power management, AC power failure recovery, Watch Dog Timer

0°C ~ 60°C

0% ~ 95% (non-condensing)

Mini-ITX (17cm x 17cm, 6.7" x 6.7")

CE/FCC