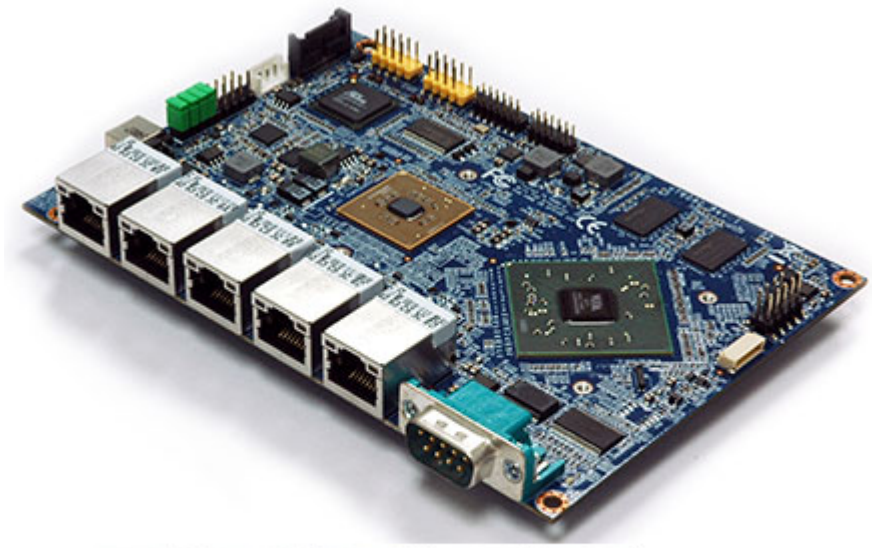

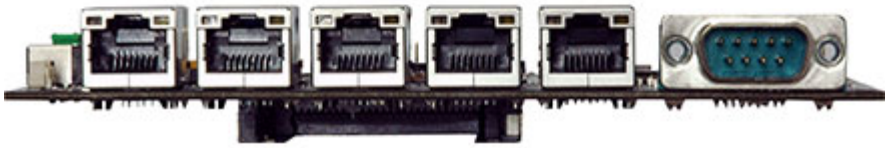

999.00 EUR
incl. 19% VAT, plus shipping

- 1GB DDR3 onboard !
- 5V DC Input !
- 5x RTL8111G !
- 3.5" SBC !

The VIA VB9001 3.5” SBC combines the fanless 1.06GHz VIA Eden X1 processor with rich connectivity features including five Gigabit Ethernet ports, providing an ideal platform for network security, distributed control system (DCS) and monitoring applications.

Hardware
Based on a highly compact 3.5” SBC form factor measuring just 14.6cm x 10.2cm, the VIA VB9001 includes 1GB DDR3 SDRAM onboard and features a unique set of I/O and connectivity options ideal for high-speed M2M and IP camera applications, including two USB 2.0 ports, five Gigabit Ethernet ports, 1 COM port, as well as onboard pin-headers for VGA and DIO (4 GPI + 4 GPO). Storage options include one SATA connector and one CFast slot.

Software
The VIA VB9001 is compatible with Windows 7, Windows CE 5.0 and QNX. A wide range of software development tools are also available, including the VIA Smart ETK.

Expandability
In addition to its onboard pin headers, wireless connectivity can be added with the optional VIA EMIO-5531 USB Wi-Fi + Bluetooth module.

Applications
With its unique set of I/O and connectivity options including five Gigabit Ethernet ports, the VIA VB9001 is ideally suited for edge gateway applications as well as for small scale multiple IP camera security monitoring scenarios.

Model Name	VB9001
Processor	1.06GHz VIA Eden X1 (Fanless)
Chipset	VIA VX900 Media System Processor
BIOS	AMI Aptio UEFI BIOS, 8Mbit Flash memory
System Memory	1GB DDR3 SDRAM onboard
Storage	1 SATA connector 1 CFast slot
Graphics	Integrated VIA C-9 HD DX9 3D/2D graphics with MPEG-2, WMV9, VC1 and H.264 video decoding acceleration
LAN	5 Realtek RTL8111G PCIe Gigabit Ethernet controllers

Onboard I/O	1 SATA connector 1 SATA power connector 1 VGA pin header 2 USB 2.0 pin headers for 4 ports 1 Digital I/O pin header (4 GPI + 4 GPO) 1 Fan pin header 1 COM port
Back Panel I/O	5 Gigabit Ethernet ports 1 DC-in jack
Power Supply	5V DC-in
Operating System	Windows 7, Windows CE 5.0, QNX
VIA Smart ETK	BIOS flash tool, Hardware monitor, Watchdog timer, GPIO
Operating Temperature	0°C ~ 60°C
Operating Humidity	0% ~ 95% (non-condensing)
Form Factor	3.5" SBC (14.6cm x 10.2cm, 5.7'' x 4'')
Compliance	CE, FCC