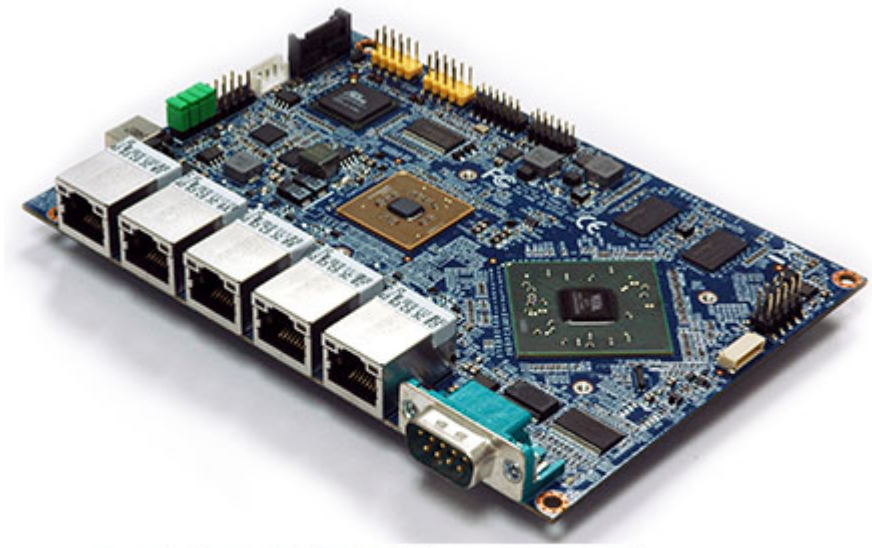

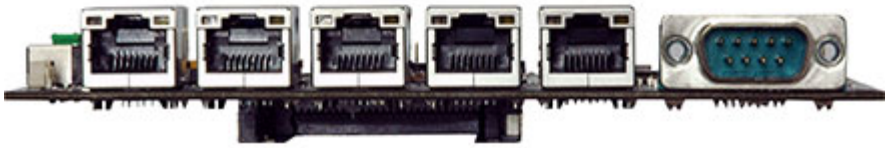

999.00 EUR
incl. 19% VAT, plus shipping

- 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<br>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<br>1 SATA power connector<br>1 VGA pin header<br>2 USB 2.0 pin headers for 4 ports<br>1 Digital I/O pin header (4 GPI + 4 GPO)<br>1 Fan pin header<br>1 COM port |
| Back Panel I/O | 5 Gigabit Ethernet ports<br>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 |