

169.00 EUR

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

- Pentium-M/Celeron-M
- Ideal for M2-ATX

- 1x DDR II 533MHz max 1GB
- 1x PCI
- 2x 10/100 LAN
- 2x ATA 133/100/66
- 6x USB 2.0 / 1xFireWire
- Sound & Graphics (UniChrome) on Board
- TV-Out
- SATA

Based on the advanced VIA VN800 digital media IGP chipset, the VIA VB6002 Mini-ITX mainboard addresses the fast-emerging Mobile-on-Desktop and mini PC markets with a compact, feature rich platform.

Offering unparalleled flexibility, the VIA VB6002 Mini-ITX mainboard integrates advanced VIA chipset technology with full support for Intel Pentium-M and Intel Celeron-M Socket 479 processors. Based on the VIA VN800 North Bridge chipset, the VIA VB6002 Mini-ITX mainboard provides the perfect platform for a host of multimedia applications such as IPTV, media on demand and entertainment centers.

The VIA VB6002 Mini-ITX mainboard boasts an array of advanced features including DDR2 533 support to 1GB in memory size, the integrated VIA UniChrome™ Pro AGP graphics with MPEG-2 acceleration for smooth digital playback, as well as a LVDS/ DVI module connector to enable integration into flat panel designs. Utilizing the VIA VT8237R series South Bridge chipset, the VIA VB6002 Mini-ITX mainboard extends connectivity with support for two UltraDMA 133/100/66 IDE and two SATA connectors, a LPC pin connector, a LPT port pin connector, a Digital I/O (4GPI/4GPO) pin connector, a COM port pin connector and a SMBUS pin connector. The VIA VB6002 Mini-ITX mainboard also includes dual Fast Ethernet network connections and the option of single Gigabit Ethernet port to enable high-speed transmission of data.

Fully compatible with Microsoft® Windows® 2000/XP, CE and XPE, and Linux operating systems, the VIA VB6002 Mini-ITX mainboard offers a comprehensive suite of drivers. 24/7 operation is also guaranteed with VIA FliteDeck, a suite of features that includes an integrated watchdog timer, remote LAN management and a host of monitoring tools.

| VIA VB6002 Specifications     |   |
|-------------------------------|---|
| <b>Model Name (Processor)</b> | • VB6002 (Intel Pentium-M/Celeron-M Socket 479 Processor)   |
| <b>Chipset</b>                | • VIA VN800 North Bridge<br>• VT8237R series South Bridge   |
| <b>System Memory</b>          | • 1 DDR2 533 DIMM socket<br>• Up to 1GB memory size   |
| <b>VGA</b>                    | • Integrated VIA UniChrome™ Pro AGP graphics with MPEG-2 decoding acceleration  |
| <b>Expansion Slots</b>        | • 1 PCI   |
| <b>Onboard IDE</b>            | • 2 UltraDMA 133/100/66 Connectors  |
| <b>Onboard LAN</b>            | • VIA VT6103L 10/100Base-TX Ethernet PHY<br>• VIA VT6107 10/100 Mbps Fast Ethernet Controller (default) or VT6122 Gigabit Ethernet Controller |

|   |   |
|---|---|
| <b>Onboard Audio</b>                      | <ul style="list-style-type: none"> <li>• VIA VT1618 AC'97 Codec with 6-channel support</li> </ul>   |
| <b>Onboard I/O Connectors</b>             | <ul style="list-style-type: none"> <li>• 2 USB pin connectors for 4 additional USB 2.0 ports</li> <li>• 2 SATA connectors</li> <li>• 1 LPC pin connector</li> <li>• 1 LPT Port pin connector</li> <li>• 1 Digital I/O (4GPI/4GPO) pin connector</li> <li>• 1 Front-panel audio pin connector (Mic In and Line Out)</li> <li>• 1 COM port (with Vcc 5V/12V Support) pin connector</li> <li>• 1 CIR pin connector (Switchable for KB/MS)</li> <li>• 1 SIR pin connector</li> <li>• 1 S/PDIF out pin connector</li> <li>• 2 Fan connectors (CPU/Sys FAN)</li> <li>• 1 SMBUS pin connector</li> <li>• 1 Buzzer</li> <li>• 1 LVDS/ DVI module connector (an add-on card is required)</li> <li>• ATX Power Connector</li> </ul> |
| <b>Back Panel I/O</b>                     | <ul style="list-style-type: none"> <li>• 1 PS2 mouse port</li> <li>• 1 PS2 keyboard port</li> <li>• 1 Serial port</li> <li>• 1 VGA port</li> <li>• 2 RJ-45 LAN port</li> <li>• 4 USB 2.0 ports</li> <li>• 3 Audio jacks: line-out, line-in and mic-in (Horizontal, Smart 5.1 Support)</li> </ul>  |
| <b>BIOS</b>                               | <ul style="list-style-type: none"> <li>• Award BIOS, LPC 4/8Mbit flash memory</li> </ul>  |
| <b>Operating System</b>                   | <ul style="list-style-type: none"> <li>• Windows 2000/XP, Linux, Win CE, XPe</li> </ul>   |
| <b>System Monitoring &amp; Management</b> | <ul style="list-style-type: none"> <li>• CPU temperature reading, CPU voltage monitoring</li> <li>• Wake-on-LAN, Keyboard-Power-on, Timer-Power-on, Watch Dog Timer, FAN control</li> <li>• System power management, AC power failure recovery</li> </ul>   |
| <b>Operating Temperature</b>              | <ul style="list-style-type: none"> <li>• 0 ~ 50 ° C</li> </ul>  |
| <b>Operating Humidity</b>                 | <ul style="list-style-type: none"> <li>• 0% ~ 95% (relative humidity; non-condensing)</li> </ul>  |
| <b>Form Factor</b>                        | <ul style="list-style-type: none"> <li>• Mini-ITX (6 layers)</li> <li>• 17 cm x 17 cm</li> </ul>  |