

2007

VIA Embedded Mainboard



Compact

Ultra small form factor, rich integration enabling rapid development of intelligent devices

Efficient

Advanced processor architecture and platform-centric design for higher performance per watt

Fanless

Industry-leading low power, fanless, silent and cool processing platforms

Flexible

Comprehensive portfolio of standard and customisable products to suit your embedded requirements

About VIA

VIA Technologies, Inc. is the foremost fabless supplier of market-leading core logic chipsets, low power x86 processors, advanced connectivity, multimedia, networking and storage silicon, and complete platform solutions that are driving system innovation in the PC and embedded markets. Headquartered in Taipei, Taiwan, VIA's global network links the high tech centers of the US, Europe and Asia, and its customer base includes the world's top OEMs, motherboard vendors and system integrators.

embedded in your success

Embedded Leadership

- Providing Complete x86 Platforms
- Leading the Way in Integration and Miniaturization
- Pioneer of Small Form Factor Embedded Mainboards

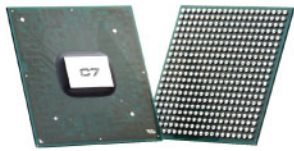
Highest Quality Assured

- ISO 9001/2000 Certification
- RoHS Compliance
- Certified SONY Green Partner

Customer-Oriented Service

- Global Presence, Integrated Support
- Strong Research & Development Capabilities
- VIA Embedded Partner Zone





Power Efficient VIA Processors

Native x86 VIA processors enjoy a strong reputation for their market-leading low power consumption and advanced security features that make up the VIA PadLock™ Security Engine. With their unequalled power efficiency and ultra reliable operation, VIA processors enable unprecedented system design flexibility for smart digital devices.



Feature Rich VIA Chipsets

The highly integrated VIA C-Series digital media chipsets consist of various interchangeable north and south bridge options that provide system developers with an impressive range of core logic options and feature sets. Incorporating cutting-edge hardware-based digital media capabilities, VIA C-Series chipsets produce consumer electronics quality entertainment while helping to reduce overall system power consumption.



VIA Media SDK

Make Your Multimedia Project Easier

The VIA Media SDK is a comprehensive software development kit accelerating the development of software on the VIA embedded platforms. It includes sample codes and libraries for the most popular applications, such as media player, video on demand and personal video recorder software. These applications and libraries provide a wide range of developmental support for advanced personal electronics, such as set top box, media center and personal entertainment server. The VIA Media SDK works on the WinCE and Linux operating systems.



VIA PadLock™ Security Engine

The World's Fastest x86 Secure Processing

The pioneering VIA PadLock™ Security Initiative was instituted by VIA to facilitate the practical implementation of pervasive security by integrating directly into VIA processors a powerful security engine. The VIA PadLock™ Security Engine enables secure computing by providing the latest AES encryption and protection mechanisms that, when enabled by applications, offer these technologies with little or no impact on the performance of the system. It is the fastest x86 security engine in the world, containing a quantum-based random number generator and the most comprehensive set of security tools with the VIA PadLock™ Advanced Cryptography Engine.

Quick Guide

| Model | EPIA™ PX | EPIA™ NX | EPIA™ N | EPIA™ NL | EPIA™ EX | EPIA™ EK |
|-----------------------|---|---|--|---|---|---|
| Processor | NanoBGA2 C7® | NanoBGA2 C7® / Eden® | Luke CoreFusion™ | Luke CoreFusion™ | NanoBGA2 C7® | Luke CoreFusion™ |
| North Bridge | VX700 | CX700M2 | | | CX700M2 | |
| South Bridge | | | VT8237R+ | VT8237R+ | | VT8237R+ |
| Graphics | Integrated VIA UniChrome Pro II 3D/2D AGP Graphics with MPEG-2/4 and WMV9 Decoding Acceleration | Integrated VIA UniChrome Pro II 3D/2D AGP Graphics with MPEG-2/4 and WMV9 Decoding Acceleration | Integrated VIA UniChrome Pro AGP Graphics with MPEG-2/4 Decoding Acceleration | Integrated VIA UniChrome Pro AGP Graphics with MPEG-2/4 Decoding Acceleration | Integrated VIA UniChrome Pro II 3D/2D Graphics with MPEG-2/4 & WMV9 Decoding Acceleration | Integrated VIA UniChrome Pro AGP Graphics with MPEG-2/4 Decoding Acceleration |
| Memory | DDR2 533 SDRAM (SODIMM) | DDR2 533 SDRAM (SODIMM) | DDR400 SDRAM (SODIMM) | DDR400 SDRAM (SODIMM) | DDR2 533 SDRAM | DDR400 SDRAM |
| DIMM Slots | 1 (max. 1Gigabyte) | 1 (max. 1Gigabyte) | 1 (max. 1Gigabyte) | 1 (max. 1Gigabyte) | 1 (max. 1Gigabyte) | 1 (max. 1Gigabyte) |
| USB | 4 X USB 2.0 | 6 X USB 2.0 | 6 X USB 2.0 | 8 X USB 2.0 | 6 X USB 2.0 | 8 X USB 2.0 |
| Audio | HD | HD | 6 Channel | 6 Channel | HD | 6 Channel |
| LAN | 10/100Mbps | 10/100Mbps (optional Gigabit) | 10/100Mbps | 10/100Mbps | 10/100Mbps (optional Gigabit) | 2 X 10/100Mbps (optional Gigabit) |
| IDE | 1 x ATA 100/133 | 1 x ATA 100/133 | 2 X ATA 100/133 | 2 X ATA 100/133 | 1 x ATA 100/133 | 2 X ATA 100/133 |
| SATA | 1 | 2 | 1 | 1 | 2 | 2 |
| PCI | N/A | 1 Mini-PCI | 1 Mini-PCI | 1 Mini-PCI | 1 | 1 |
| Com Port | 1 (pin header) | Optional 4 COM ports support is available through LPC interface with a daughter card | Optional 4 COM ports support is available through LPC interface with a daughter card | 1 | Optional 4 COM ports support is available through LPC interface with a daughter card | 4 (3 pin headers) |
| TV Out | Yes (an add-on card is required) | Yes (HDTV Resolution) | Yes (HDTV Resolution) | Yes (HDTV Resolution) | Yes (HDTV Resolution) | N/A |
| IEEE 1394 | N/A | N/A | N/A | N/A | 1 (pin header) | N/A |
| Operating Temperature | 0°C~50°C | 0°C~50°C | 0°C~50°C | 0°C~50°C | 0°C~50°C | 0°C~50°C |
| Form Factor | Pico-ITX | Nano-ITX | Nano-ITX | Nano-ITX | Mini-ITX | Mini-ITX |
| Accessories | PWB N550 | LVDS-08 PWB-N550 LPC-01 | DVI-03 LVDS-07 LPC-01 PWB-N550 | LVDS-07 LPC-01 PWB-N550 | EXT-PCI LPC-01 PWB-M120 | DVI-03 LVDS-07 EXT-PCI PWB-M120 |

Quick Guide

| Model | EPIA™ EN | EPIA™ CN | EPIA™ LT | EPIA™ LN | EPIA™ SP | EPIA™ PE |
|-----------------------|---|---|--|---|---|---|
| Processor | NanoBGA2 C7® / Eden® | NanoBGA2 C7® | NanoBGA2 C7® | NanoBGA2 C7® | EBGA C3® / Eden® | EBGA C3® |
| North Bridge | CN700 | CN700 | CX700 | CN700 | CN400 | CLE266 |
| South Bridge | VT8237R+ | VT8237R+ | | VT8237R+ | VT8237R+ | VT8235M |
| Graphics | Integrated VIA UniChrome Pro AGP Graphics with MPEG-2 Decoding Acceleration | Integrated VIA UniChrome Pro AGP Graphics with MPEG-2 Decoding Acceleration | Integrated VIA UniChrome Pro II 3D/2D AGP Graphics with MPEG-2 Decoding Acceleration | Integrated VIA UniChrome Pro AGP Graphics with MPEG-2 Decoding Acceleration | Integrated VIA UniChrome Pro AGP Graphics with MPEG-2/4 Decoding Acceleration | Integrated VIA UniChrome AGP Graphics with MPEG-2 Decoding Acceleration |
| Memory | DDR2 533 SDRAM | DDR2 533 SDRAM | DDR2 533 | DDR2 533 | DDR400 SDRAM | DDR266 SDRAM |
| DIMM Slots | 1 (max. 1Gigabyte) | 1 (max. 1Gigabyte) | 1 (max. 1Gigabyte) | 1 (max. 1Gigabyte) | 1 (max. 1Gigabyte) | 1 (max. 1Gigabyte) |
| USB | 6 X USB 2.0 | 8 X USB 2.0 | 6 X USB 2.0 | 8 X USB 2.0 | 8 X USB 2.0 | 6 X USB 2.0 |
| Audio | 6 Channel | 6 Channel | HD | 6 Channel | 6 Channel | 2 Channel |
| LAN | Gigabit | 10/100Mbps | 2 x10/100Mbps (1 optional Gigabit) | 10/100Mbps | 10/100Mbps | 2 X 10/100Mbps |
| IDE | 2 X ATA 100/133 | 2 X ATA 100/133 | 1 X ATA 100/133 | 2 X ATA 100/133 | 2 X ATA 100/133 | 2 X ATA 100/133 |
| SATA | 2 | 2 | 2 | 2 | 2 | N/A |
| PCI | 1 | 1 | 1 | 1 | 1 | 1 |
| Com Port | 2 (1 pin header) | 1 | 4 (3 pin headers) | 1 | 2 (1 pin header) | 4 (3 pin headers) |
| TV Out | Yes (HDTV Resolution) | Yes | Optional | Yes | Yes | N/A |
| IEEE 1394 | 1 (pin header) | N/A | N/A | N/A | 1 | N/A |
| Operating Temperature | 0°C~50°C | 0°C~50°C | 0°C~50°C | 0°C~50°C | 0°C~50°C | 0°C~50°C |
| Form Factor | Mini-ITX | Mini-ITX | Mini-ITX | Mini-ITX | Mini-ITX | Mini-ITX |
| Accessories | DVI-03 LVDS-07 EXT-PCI LPC-01 PWB-M120 | EXT-PCI PWB-M120 | LPC-01 EXT-PCI PWB-M120 | EXT-PCI LPC-01 PWB-M120 | DVI-02 LVDS-06 RGB-03 EXT-PCI | DVI-01 LVDS-05 EXT-PCI PWB-M120 |

| Model | EPIA™ MII | EPIA™ M | EPIA™ ML | EPIA™ | VB6002 | VB7001 |
|-----------------------|---|---|---|----------------------------------|---|---|
| Processor | EBGA C3®/Eden® | EBGA C3®/Eden® | EBGA C3®/Eden® | EBGA C3®/Eden® | uFCPGA Intel® Pentium® M / Celeron® M | NanoBGA2 C7®-D |
| North Bridge | CLE266 | CLE266 | CLE266 | PLE133 | VN800 | CN700 |
| South Bridge | VT8235M | VT8235M | VT8235M | VT8231 | VT8237R+ | VT8237R+ |
| Graphics | Integrated VIA UniChrome AGP Graphics with MPEG-2 Decoding Acceleration | Integrated VIA UniChrome AGP Graphics with MPEG-2 Decoding Acceleration | Integrated VIA UniChrome AGP Graphics with MPEG-2 Decoding Acceleration | Integrated AGP 4X Graphic Engine | Integrated VIA UniChrome Pro AGP Graphics with MPEG-2 Decoding Acceleration | Integrated VIA UniChrome Pro AGP Graphics with MPEG-2 Decoding Acceleration |
| Memory | DDR266 SDRAM | DDR266 SDRAM | DDR266 SDRAM | PC133 SDRAM | DDR2 533 SDRAM | DDR2 533 SDRAM |
| DIMM Slots | 1 (max. 1Gigabyte) | 1 (max. 1Gigabyte) | 1 (max. 1Gigabyte) | 2 (max. 1Gigabyte) | 1 (max. 1Gigabyte) | 1 (max. 1Gigabyte) |
| USB | 4 X USB 2.0 | 4 X USB 2.0 | 4 X USB 2.0 | 4 X USB 1.1 | 8 X USB 2.0 | 6 X USB 2.0 |
| Audio | 6 Channel | 6 Channel | 6 Channel | 2 Channel | 6 Channel | 6 Channel |
| LAN | 10/100Mbps | 10/100Mbps | 10/100Mbps | 10/100Mbps | 2 X 10/100Mbps (1 optional Gigabit) | 10/100Mbps |
| IDE | 2 X ATA 100/133 | 2 X ATA 100/133 | 2 X ATA 100/133 | 2 X ATA 100 | 2 X ATA 100/133 | 2 X ATA 100/133 |
| SATA | N/A | N/A | N/A | N/A | 2 | 2 |
| PCI | 1 | 1 | 1 | 1 | 1 | 1 |
| Com Port | 2 (1 pin header) | 2 (1 pin header) | 2 (1 pin header) | 1 | 2 (1 pin header) | 1 |
| TV Out | Yes | Yes | Yes (specific sku) | N/A | N/A | Yes |
| IEEE 1394 | 2 (1 pin header) | 2 (pin header) | N/A | N/A | N/A | N/A |
| Operating Temperature | 0°C~50°C | 0°C~50°C | 0°C~50°C | 0°C~50°C | 0°C~50°C | 0°C~45°C |
| Form Factor | Mini-ITX | Mini-ITX | Mini-ITX | Mini-ITX | Mini-ITX | Mini-ITX |
| Accessories | DVI-01 LVDS-05 EXT-PCI | DVI-01 LVDS-05 EXT-PCI | EXT-PCI | EXT-PCI | DVI-03 LVDS-07 EXT-PCI LPC-01 PWB-M120 | EXT-PCI PWB-M120 |

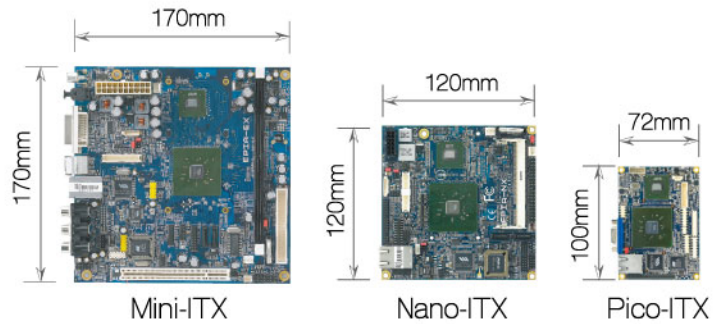
VIA EPIA™ Series Mainboards

EPIA™

Embedded Platform Innovative Architecture

VIA EPIA™ mainboards are the embodiment of VIA's feature rich, power efficient platform technologies, combining one of the low power embedded processors with a selection of VIA core logic, networking, connectivity and multimedia silicon solutions on a highly integrated, ultra compact mainboard.

VIA EPIA™ mainboards such as VIA EPIA™ Mini-ITX, Nano-ITX, and Pico-ITX integrate the latest silicon technologies onto the world's smallest and lowest profile standard retail boards. Designed as platforms for innovations in x86 system designs, the VIA EPIA™ family of mainboards is available in a growing number of configurations and feature sets from VIA channel partners worldwide.



Software Support

Fully compatible with complete range of x86 Operating Systems and software applications

- Microsoft® Windows® XP, Windows® 2000
- Microsoft® Windows® CE.NET 4.1, 4.2, 5.0, 6.0
- Microsoft® Windows® XP Embedded
- Linux-based OS
- Productivity, multimedia, and internet applications
- Comprehensive driver support across all platforms

Clean Computing From VIA



VIA Technologies, Inc. is a leading proponent of Clean Computing from a power usage, manufacturing, and ergonomics perspective and prides itself on pioneering Clean Computing initiatives, such as the Carbon Free computing and Quiet computing initiatives, and follows the Restriction of Hazardous Substances (RoHS).



Pico-ITX

100mmx72mm

Nano-ITX

120mmx120mm



EPIA™ PX

Available Model:
EPIA PX1000G

- VIA C7® Processor Onboard @400MHz FSB
- VIA VX700 Unified Digital Media IGP chipset with Integrated VIA UniChrome™ Pro II 3D/2D AGP Graphics with MPEG-2 / MPEG-4 & WMV9 Decoding Acceleration
- DDR2 533 SDRAM (SODIMM)
- ATA 100/133 Support
- VIA Vinyl HD Audio
- 4 USB 2.0 ports
- VIA 10/100Mbps Ethernet
- VIA TV Out (HDTV Resolution, an add-on card required)
- Onboard DVI/LVDS support
- Pico-ITX Form Factor
- Low Profile Design and Flexible I/O Design
- Car PC, Industrial Automation Control, Traffic Control, Intelligent Robot

EPIA™ NX

Available Model:
EPIA NX1500G
EPIA NX1200EG

- VIA C7®/ Eden® Processor Onboard @400MHz FSB
- VIA CX700M2 Unified Digital Media IGP chipset with Integrated VIA UniChrome™ Pro II 3D/2D Graphics with MPEG-2 / MPEG-4 & WMV9 Decoding Acceleration
- DDR2 533 SDRAM (SODIMM)
- 1 Mini-PCI slot
- ATA 100/133 Support
- VIA Vinyl HD Audio
- 6 USB 2.0 ports
- VIA 10/100Mbps Ethernet (Optional for Gigabit Ethernet)
- VIA TV Out (HDTV Resolution)
- Onboard 2-CH LVDS support
- 2 Dual-CH LVDS support
- Nano-ITX Form Factor
- Low Profile Design and Flexible I/O Design
- Ultra Small Digital Media, Mobile Entertainment Devices, Digital Signage

EPIA™ N

Available Model:
EPIA N1000G
EPIA N8000EG
EPIA N5000EG

- VIA Luke CoreFusion™ Processor with Integrated VIA UniChrome™ Pro AGP Graphics with MPEG-2 / MPEG-4 Decoding Acceleration
- DDR400 SDRAM (SODIMM)
- 1 Mini-PCI slot
- ATA 100/133 Support (1 x 40pin, 1x 44pin)
- 1 SATA port
- VIA Vinyl 6 Channel Audio
- 6 USB 2.0 ports
- VIA 10/100Mbps Ethernet
- VIA TV Out (HDTV Resolution)
- LVDS/DVI (an add-on card is required)
- Nano-ITX Form Factor
- Ultra Small Digital Media, Mobile Entertainment Devices

EPIA™ NL

Available Model:
EPIA NL1000G
EPIA NL8000EG
EPIA NL5000EG

- VIA Luke CoreFusion™ Processor with Integrated VIA UniChrome™ Pro AGP Graphics with MPEG-2 / MPEG-4 Decoding Acceleration
- DDR400 SDRAM (SODIMM)
- 1 Mini-PCI slot
- ATA 100/133 Support (1 x 40pin, 1x 44pin)
- 1 SATA port
- VIA Vinyl 6 Channel Audio
- 8 USB 2.0 ports
- 1 COM port
- VIA 10/100Mbps Ethernet (HDTV Resolution)
- LVDS (an add-on card is required)
- Nano-ITX Form Factor
- Low Profile Design and Flexible I/O Design

Mini-ITX

170mmx170mm



EPIA™ EX

Available Model:
EPIA EX15000G
EPIA EX10000EG

- VIA C7® Processor Onboard @400MHz FSB
- VIA CX700M2 Unified Digital Media IGP chipset with Integrated VIA UniChrome™ Pro II 3D/2D Graphics with MPEG-2 / MPEG-4 & WMV9 Decoding Acceleration
- DDR2 533 SDRAM
- 1 PCI slot
- ATA 100/133 Support
- 2 SATA ports
- VIA Vinyl HD Audio
- 6 USB 2.0 ports
- VIA IEEE 1394 (pin header)
- VIA 10/100Mbps Ethernet (optional for Gigabit Ethernet)
- VIA TV Out (HDTV Resolution)
- CE-type I/O
- Onboard LVDS/DVI
- Mini-ITX Form Factor
- Advanced Digital Media Applications, Entertainment Devices



EPIA™ EK

Available Model:
EPIA EK10000G
EPIA EK8000EG

- VIA Luke CoreFusion™ Processor with Integrated VIA UniChrome™ Pro AGP Graphics with MPEG-2 / MPEG-4 Decoding Acceleration
- DDR400 SDRAM
- 1 PCI slot
- ATA 100/133 Support
- 2 SATA ports
- VIA Vinyl 6 Channel Audio
- 8 USB 2.0 ports
- 4 COM ports; COM2/COM3/COM4 5V/12V
- 2 VIA 10/100Mbps Ethernet (1 optional Gigabit Ethernet)
- Digital I/O 4GPI/4GPO
- LVDS/DVI (an add-on card is required)
- Mini-ITX Form Factor
- Always-on Point of Sales (POS) Applications, Kiosk



EPIA™ EN

Available Model:
EPIA EN15000G
EPIA EN12000EG

- VIA C7® / Eden® Processor Onboard @400MHz FSB
- VIA CN700 Chipset with Integrated VIA UniChrome™ Pro AGP Graphics with MPEG-2 Decoding Acceleration
- DDR2 533 SDRAM
- 1 PCI slot
- ATA 100/133 Support
- 2 SATA ports
- VIA Vinyl 6 Channel Audio
- VIA IEEE 1394 (pin header)
- 6 USB 2.0 ports
- 2 COM ports
- VIA Gigabit Ethernet
- VIA TV Out (HDTV Resolution)
- LVDS/DVI (an add-on card is required)
- Mini-ITX Form Factor
- Digital Media Applications, Entertainment Devices, Intelligent Display, Set Top Box



EPIA™ CN

Available Model:
EPIA CN13000G
EPIA CN10000EG

- VIA C7® Processor Onboard @400MHz FSB
- VIA CN700 Chipset with Integrated VIA UniChrome™ Pro AGP Graphics with MPEG-2 Decoding Acceleration
- DDR2 533 SDRAM
- 1 PCI slot
- ATA 100/133 Support
- 2 SATA ports
- VIA Vinyl 6 Channel Audio
- 8 USB 2.0 ports
- 1 COM port
- VIA 10/100Mbps Ethernet
- VIA TV Out
- Mini-ITX Form Factor
- Thin Client

Mini-ITX

170mmx170mm

NEW



EPIA™ LT

Available Model:

EPIA LT15000AG
EPIA LT10000EAG

- VIA C7® Processor Onboard @ 400/533MHz FSB
- VIA CX700 Unified Digital Media IGP chipset with Integrated VIA UniChrome™ Pro II 3D/2D Graphics with MPEG-2 Decoding Acceleration
- DDR2 533 SDRAM
- 1 PCI slot
- ATA 100/133 Support
- 2 SATA ports
- VIA Vinyl HD Audio
- 6 USB 2.0 ports
- 4 COM ports: COM2/COM3/COM4 with 5V/12V selectable
- 2 VIA 10/100 Mbps Ethernet (1 optional Gigabit LAN)
- 1 Dual-CH LVDS
- Mini-ITX Form Factor
- POS, Kiosk, Intelligent Signage, Vending Machines

NEW



EPIA™ LN

Available Model:

EPIA LN10000EG
EPIA LN10000EAG

- VIA C7® Processor Onboard @400MHz FSB
- VIA CN700 Chipset with Integrated VIA UniChrome™ Pro AGP Graphics with MPEG-2 Decoding Acceleration
- DDR2 533 SDRAM
- 1 PCI slot
- 2 ATA 100/133 Support
- 2 SATA ports
- VIA Vinyl 6 Channel Audio
- 8 USB 2.0 ports
- VIA 10/100Mbps Ethernet
- VIA TV Out
- Mini-ITX Form Factor
- Entry digital AV applications, gaming

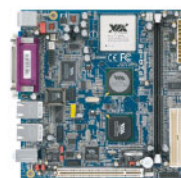


EPIA™ SP

Available Model:

EPIA SP13000G
EPIA SP8000EG

- VIA C3® / Eden® Processor Onboard @100/133MHz FSB
- VIA CN400 Chipset with Integrated VIA UniChrome™ Pro AGP Graphics with MPEG-2 / MPEG-4 Decoding Acceleration
- DDR400 SDRAM
- 1 PCI slot
- ATA 100/133, with Direct DOM Support
- 2 SATA ports
- VIA Vinyl 6 Channel Audio
- VIA IEEE 1394
- 8 USB 2.0 ports
- VIA 10/100Mbps Ethernet
- VIA TV Out
- LVDS/DVI (an add-on card is required)
- Mini-ITX Form Factor
- Digital Multimedia Entertainment Applications, Set Top Box



EPIA™ PE

Available Model:

EPIA PE10000G

- VIA C3® Processor Onboard @100/133MHz FSB
- VIA CLE266 Chipset with Integrated VIA UniChrome™ AGP Graphics with MPEG-2 Decoding Acceleration
- DDR266 SDRAM
- 1 PCI slot
- ATA 100/133 Support
- VIA Vinyl 2 Channel Audio
- 6 USB 2.0 ports
- 4 COM ports; COM3/COM4 with 5V/12V selectable
- 2 VIA 10/100Mbps Ethernet
- Digital I/O 4GPI/4GPO
- LVDS/DVI (an add-on card is required)
- Mini-ITX Form Factor
- Always-on Point of Sales (POS) Applications, Kiosk

Mini-ITX

170mmx170mm



EPIA™ MII

Available Model:
EPIA MII12000G
EPIA MII10000G
EPIA MII6000EG

- VIA C3® / Eden® Processor Onboard @100/133MHz FSB
- VIA CLE266 Chipset with Integrated VIA UniChrome™ AGP Graphics with MPEG-2 Decoding Acceleration
- DDR266 SDRAM
- Card Bus/Compact Flash Card Support
- 1 PCI slot, 1 Floppy Connector
- 1 LPT Connector
- ATA 100/133 Support
- VIA Vinyl 6 Channel Audio
- 2 VIA IEEE 1394 (1 pin header)
- 4 USB 2.0 ports
- 2 COM ports
- VIA 10/100Mbps Ethernet
- VIA TV Out
- LVDS/DVI (an add-on card is required)
- Mini-ITX Form Factor
- Set Top Box, Kiosk, Wireless Media Devices



EPIA™ M

Available Model:
EPIA M10000G
EPIA ME6000G

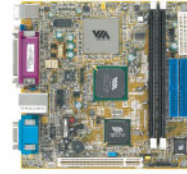
- VIA C3® / Eden® Processor Onboard @100/133MHz FSB
- VIA CLE266 Chipset with Integrated VIA UniChrome™ AGP Graphics with MPEG-2 Decoding Acceleration
- DDR266 SDRAM
- 1 PCI slot, 1 Floppy Connector
- ATA 100/133 Support
- VIA Vinyl 6 Channel Audio
- 2 VIA IEEE 1394 (pin headers)
- 4 USB 2.0 ports
- VIA 10/100Mbps Ethernet
- VIA TV Out
- LVDS/DVI (an add-on card is required)
- Mini-ITX Form Factor
- Digital Media Devices, Home Entertainment Centers



EPIA™ ML

Available Model:
EPIA ML8000G
EPIA ML8000AG
EPIA ML6000EAG

- VIA C3® / Eden® Processor Onboard @100/133MHz FSB
- VIA CLE266 Chipset with Integrated VIA UniChrome™ AGP Graphics with MPEG-2 Decoding Acceleration
- DDR266 SDRAM
- 1 PCI slot
- ATA 100/133 Support
- VIA Vinyl 6 Channel Audio
- 4 USB 2.0 ports
- VIA 10/100Mbps Ethernet
- VIA TV Out (optional for specific sku)
- Mini-ITX Form Factor
- Low-power and Affordable Embedded Devices



EPIA™

Available Model:
EPIA 800AG
EPIA 5000EAG

- VIA C3® / Eden® Processor Onboard @100/133MHz FSB
- VIA PLE133 Chipset Featuring Integrated AGP 4X Graphics Engine
- PC133 SDRAM
- 1 PCI slot
- ATA 100 Support
- VIA Vinyl 2 Channel Audio
- 4 USB 1.1 ports
- VIA 10/100Mbps Ethernet
- Mini-ITX Form Factor
- Value PC, Industrial PC Designs, Thin Client

VIA VB Series Mainboard

Socket 479



VB6002

Available Model:
VB6002G

- Supports socket 479 Intel® Pentium® M or Celeron® M processors
- VIA VN800 Chipset with Integrated VIA UniChrome™ Pro AGP Graphics with MPEG-2 Decoding Acceleration
- DDR2 533 SDRAM
- 1 PCI slot
- ATA 100/133 Support
- 2 SATA ports
- VIA Vinyl 6 Channel Audio
- 8 USB 2.0 ports
- 2 COM ports (1 pin header 5V/12V)
- 2 VIA 10/100Mbps Ethernet (1 optional Gigabit Ethernet)
- Digital I/O 4GPI/4GPO
- LVDS/DVI (an add-on card is required)
- Mini-ITX Form Factor (170mm X 170mm)
- Performance Embedded Applications

NEW



VB7001

Available Model:
VB7001G
VB7001AG

- VIA C7®-D Processor Onboard@400MHz FSB
- VIA CN700 Chipset with Integrated VIA UniChrome™ Pro AGP Graphics with MPEG-2 Decoding Acceleration
- DDR2 533 SDRAM
- 1 PCI slot
- ATA 100/133 Support
- 2 SATA ports
- VIA Vinyl 6 Channel Audio
- 6 USB 2.0 ports
- 1 VIA 10/100 Ethernet
- VIA TV out
- Mini-ITX Form Factor (170mm X 170mm)
- Home Multimedia Centre, Performance Embedded Applications

Accessories

| Module | Photo | Purpose | Compliant model |
|---|---|---|--|
| DVI-03 |  | Supports DVI monitor | EPIA N, EK, EN, VB6002 |
| DVI-02 |  | Supports DVI monitor | EPIA SP |
| DVI-01 |  | Supports DVI monitor | EPIA PE, MII, M |
| LVDS-08 NEW |  | Supports 18bit or 24bit LCD panel display | EPIA NX |
| LVDS-07 |  | Supports 18bit or 24bit LCD panel display | EPIA N, NL, EK, EN, VB6002 |
| LVDS-06 |  | Supports 18bit or 24bit LCD panel display | EPIA SP |
| LVDS-05 |  | Supports 18bit or 24bit LCD panel display | EPIA PE, MII, M |
| PWB-N550 |  | DC-DC power board: 12V input / 60W output | EPIA PX, NX, N, NL |
| PWB-M120 |  | DC-DC power board: 12-24V input / 120W output | EPIA Mini-ITX C7 / Luke Series VB7001, PE |
| RGB-03 |  | Supports 18bit TTL panel display | EPIA SP |
| EXT-PCI |  | 1 to 2 PCI riser card | EPIA Mini-ITX Series, VB6002, VB7001 |
| LPC-01 |  | Expansion module for 4 5V/12V COM ports | EPIA NX, N, NL, EX, EN, LN, LT, VB6002 |



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