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mainboards

VIA EPIA MII-Series Mini-ITX Mainboard

The complete Digital Home Platform integrating CardBus and CompactFlash for seamless wireless connectivity, enhancing digital media performance and media portability.

RoHS COMPLIANT

Providing the signature low profile, minimal noise and reduced power of the VIA EPIA series on a 17 by 17cm small form factor, the VIA EPIA MII Mini-ITX Mainboard is an "all-in-one" entertainment platform geared to the digital home. The VIA EPIA MII-Series easily slots in to a digital home infrastructure providing a vast horizon of applications that feature sophisticated connectivity including wired or wireless media servers, mobile PCs, receivers for the living room and beyond.

The VIA EPIA MII is available with the fanless VIA Eden™ ESP processor for ultra low power, quiet or silent system designs, or the VIA C3™ processor for rich media-intensive applications. Enhanced multimedia performance is further delivered through the VIA CLE266 chipset featuring integrated VIA UniChrome™ 2D/3D graphics and an MPEG-2 accelerator with motion compensation, along with support for the greater memory bandwidth of DDR266 SDRAM and the high transfer speeds of ATA-133.

An array of modern storage and connectivity options are supported, including onboard CardBus, CompactFlash, and a PCI slot. The VIA EPIA MII also offers support for the latest in high bandwidth connectivity through IEEE 1394, USB 2.0 connections, as well as S-Video and RCA TV-Out (NTSC & PAL) and 10/100 Mbps Fast Ethernet. The VIA EPIA MII also offers support for a number of embedded LCD panels and is fully compatible with Microsoft® Windows® and Linux operating systems. The VIA EPIA MII can be fitted into a full range of Mini-ITX chassis as well as FlexATX and MicroATX enclosures and power supplies.

Specification

VIA EPIA MII-Series Mini-ITX Mainboard Specifications

Model Name	• EPIA-MII12000/EPIA-MII10000/EPIA-MII6000E • EPIA-MII12000G/EPIA-MII10000G/EPIA-MII6000EG (RoHS Compliant)
Processor	• VIA C3™/ VIA Eden™ EBGA processor
Chipset	• VIA CLE266 North Bridge • VIA VT8235M South Bridge
System Memory	• 1 DDR266 DIMM socket • Up to 1GB memory size
VGA	• Integrated VIA Unichrome AGP graphics w/MPEG-2 Accelerator
Expansion Slots	• 1 PCI
Onboard IDE	• 2 X UltraDMA 133/100/66 Connector
Onboard Floppy	• 1 x FDD Connector
Onboard LAN	• VIA VT6103 10/100 Base-T Ethernet PHY
Onboard Audio	• VIA VT1616 6 channel AC' 97 codec
Onboard TV Out	• VIA VT1622AM TV Out
Onboard 1394	• VIA VT6307S IEEE 1394 (Optional)
Onboard CardBus /	• CardBus Type I & Type II

CompactFlash	• Ricoh R5C476 II / R5C485 CardBus Corntroller
Back Panel I/O	• 1 CardBus Type I and Type II slot +1 CompactFlash Slot • 1 CompactFlash slot • 1RJ-45 LAN port • 1 PS2 mouse port • 1 PS2 keyboard port • 1 Serial port • 2 USB 2.0 ports • 1 VGA port • 1 RCA port (SPDIF or TV-Out) • 1 S-Video port • 1 1394 port • 3 Audio jacks: line-out, line-in and mic-in (Smart 5.1 Support)
Onboard I/O Connectors	• 1 USB connector for 2 additional USB 2.0 ports • 1 Front-panel audio connectors (mic-in and line-out) • 1 CD Audio-in connector • 1 Buzzer • 1 FIR connector • 1 CIR connector (Switchable for KB/MS) • 1 Wake-on-LAN connector • 1 LPT port header • CPU/Sys FAN/Fan 3 • 1 Connector for LVDS module (Optional) • 1 Serial port connector for second COM port • ATX Power Connector
BIOS	• Award BIOS • 2/4Mbit flash memory
System Monitoring & Management	• CPU voltage monitoring • Wake-on-LAN, Keyboard Power-on, Timer Power-on • System power management • AC power failure recovery
Operating Temperature	• 0~50°C
Operating Humidity	• 0% ~ 93% (relative humidity; non-condensing)
Form Factor	• Mini-ITX (6 layers) • 17 cm x 17 cm

* The specification is subject to change without prior notice.

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