

## Mini-ITX Series

VIA

# EPIA-M860

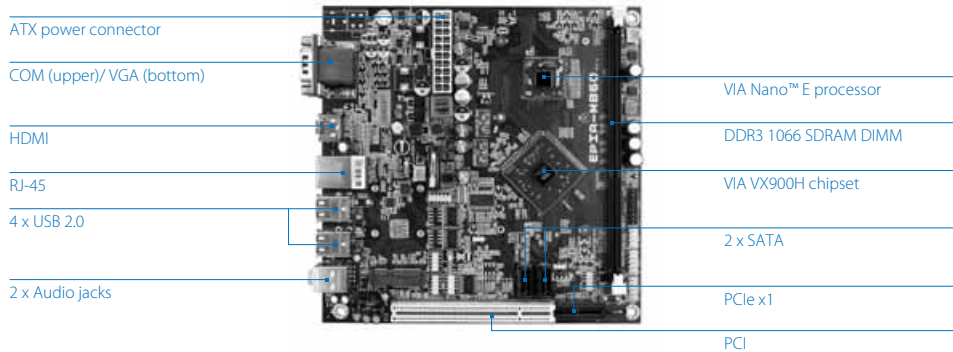
Mini-ITX Nano™ E Board with Full HD Video Support, SATA, GigaLAN, COM, USB, VGA, HDMI, PCIe & Mini PCIe

## Features

- Integrated VIA Chrome9™ HD DX9 3D/2D graphics with VC1, MPEG-2, WMV9 and H.264 decoding acceleration
- Supports high-bandwidth DDR3 memory, up to 4GB
- Supports two SATA
- Supports one Gigabit Ethernet
- Supports seven USB 2.0 ports (three as pin headers)
- Support four COM ports (three as pin headers)
- Supports one PCI, one 1-lane PCIe and one Mini PCIe pin headers
- Supports one VGA and one HDMI port



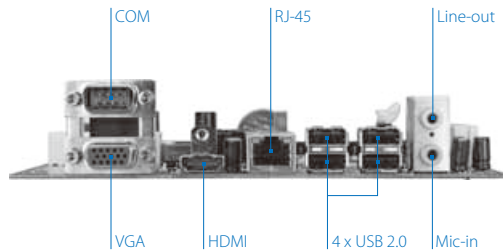
## Board Placement



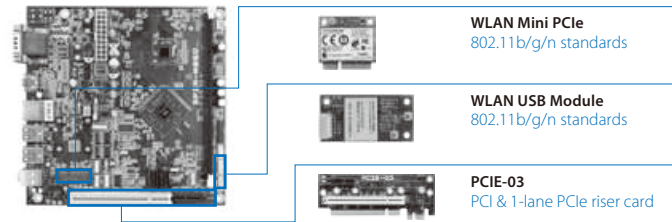
## Specifications

Model Name	EPIA-M860-12E	EPIA-M860-12PE
<b>Processor</b>	1.2GHz VIA Nano™ E (fanless)	
<b>Chipset</b>	VIA VX900H Media System Processor	
<b>System Memory</b>	1 x DDR3 1066 DIMM socket Up to 4GB memory size	
<b>VGA</b>	Integrated VIA Chrome9™ HD DX9 3D/2D graphics with VC1, MPEG-2, WMV9 and H.264 decoding acceleration	
<b>Onboard Serial ATA</b>	2 x SATA connectors	
<b>Onboard LAN</b>	1 x VIA VT6130 PCIe Gigabit Ethernet controller	
<b>Onboard Audio</b>	VIA VT1708S High Definition Audio Codec	
<b>Onboard Super IO</b>	Fintek F81865_I	
<b>Onboard I/O Connectors</b>	3 x USB pin headers 1 x Front audio pin header for Line-out/Mic-in 1 x PS/2 keyboard/mouse pin header 1 x Front panel pin header 1 x Sys fan connector 1 x CPU fan connector 3 x COM ports by F81865_I 1 x SMBus 1 x Digital I/O pin header (GPI x4 + GPO x 4) 1 x Mini PCIe & 1 x USB 1 x PCI + 1 x PCIe x1 slot 2 x SATA power connector 1 x ATX power connector or 12V DC-in	
<b>Back Panel I/O</b>	1 x HDMI port 1 x VGA port 1 x Serial port 1 x GigaLAN port 4 x USB ports 1 x Line-out/Mic-in (Line-in reserved) 1x 12V DC-in port (for EPIA-M860-12PE)	
<b>BIOS</b>	AMI BIOS 8Mbit SPI flash memory	
<b>Operating System</b>	Windows 7, Windows Embedded Standard 7, Windows XP, Windows Embedded Standard/Compact, Linux, POSReady 7	
<b>Power</b>	ATX Power	12V DC-in
<b>System Monitoring &amp; Management</b>	Wake-on LAN, Keyboard Power-on, Timer Power-on, System power management, AC power failure recovery, Watch Dog Timer	
<b>Operating Temperature</b>	0°C ~ 60°C	
<b>Operating Humidity</b>	0% ~ 95% (relative humidity; non-condensing)	
<b>Form Factor</b>	Mini-ITX 17 cm x 17 cm	
<b>Compliance</b>	CE/FCC/BSMI/RoHS	

## Back Panel I/O



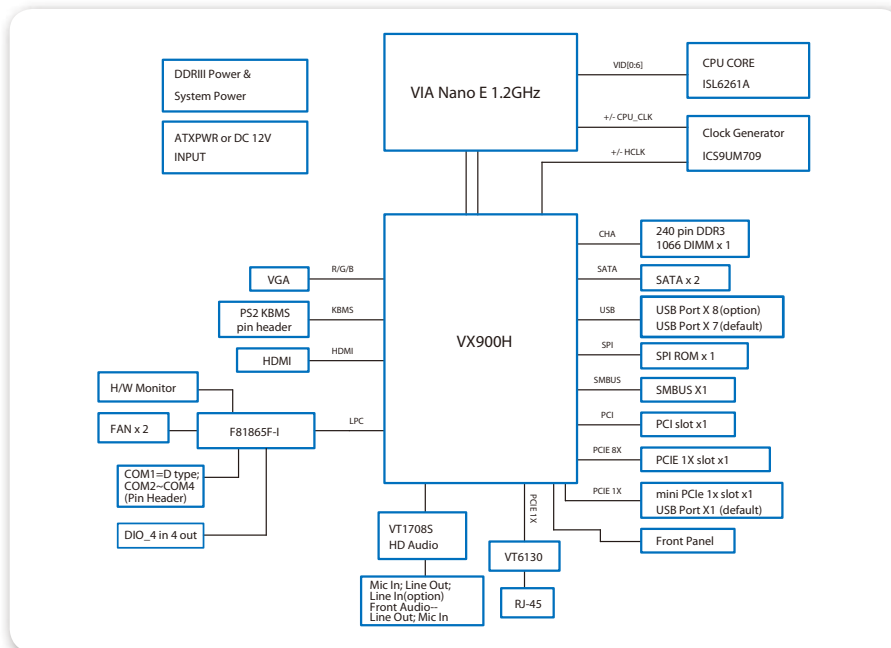
## Accessories



## Ordering Information

Model Name	CPU Frequency	Description
EPIA-M860-12E	1.2GHz Nano™ E	Mini-ITX Board with 1.2GHz Nano™ E CPU, 1 PCI, 1 PCIe x1, 1 Mini PCIe, 7 USB, 4 COM, 1 GLAN, 1 VGA, 1 HDMI (w/ ATX Power Connector)
EPIA-M860-12PE	1.2GHz Nano™ E	Mini-ITX Board with 1.2GHz Nano™ E CPU, 1 PCI, 1 PCIe x1, 1 Mini PCIe, 7 USB, 4 COM, 1 GLAN, 1 VGA, 1 HDMI (w/ 12V DC-in)

## Block Diagram



## Packing List

Items
1 x SATA cable
1 x I/O bracket