

Pico-ITX Series

NEW

VIA

EPIA-P910

Pico-ITX QuadCore Board with Full HD Video Support, SATA, GigaLAN, USB 3.0, VGA, Mini-HDMI and LVDS

Features

- The first Pico-ITX QuadCore board
- Integrated VIA Chromotion™ 5.0 DX11 3D/2D graphics with MPEG2, WMV9/VC1, H.264 decoding acceleration
- Supports high-bandwidth DDR3 memory, up to 8GB
- Supports two SATA
- Supports one PCIe Gigabit Ethernet
- Supports one mini-HDMI and one VGA port
- Supports one single-channel 18/24-bit LVDS panel
- Supports two USB 3.0 and six USB 2.0 ports



Board Placement

Panel Power Setting

LVDS

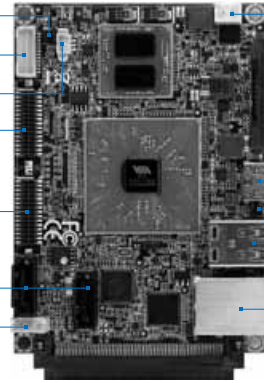
FAN

KB/MS LPC GPIO SMBUS

Audio USB*5 Front Panel

2x SATA

SATA Power



DC-in

VGA

Mini-HDMI

Clear CMOS

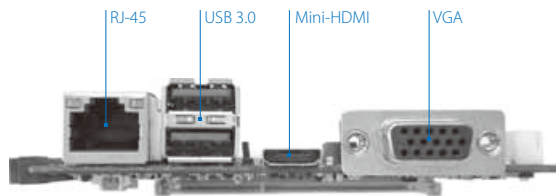
2x USB 3.0

GLAN

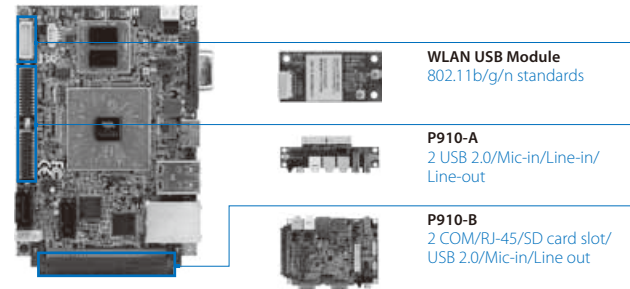
Specifications

Model Name	EPIA-P910-10Q
Processor	1.0GHz VIA QuadCore E
Chipset	VIA VX11H Media System Processor
System Memory	1 x DDR3 1333 SODIMM socket Up to 8GB memory size
VGA	Integrated Chromotion™ 5.0 DX11 3D/2D graphics with MPEG-2, WMV9 & H.264 video decoding accelerator
Onboard Serial ATA	2 x SATA connectors
Onboard LAN	1 x VIA VT6130 PCIe Gigabit Ethernet controller
Onboard Audio	VIA VT2021 High Definition Audio Codec
Onboard Super IO	Fintek F81801U-I
Onboard I/O Connectors	1 x Fan pin connector - CPU FAN 1 x 30 pin I/O extender (KB/MS,LPC,GPIO, SM Bus) 1 x 30 pin I/O extender (Line-in/Line-out/Mic-in/SPDIF-out, USB 2.0 x 3, F-panel) 1 x 1-CH 18/24-bit LVDS panel pin connector 1 x Backlight control for panel 1 x SPI flash connector 1 x SATA power connector 1 x +12V DC-in power connector
Back Panel I/O	1 x Mini-HDMI port (Type C) 1 x VGA port 1 x GigaLAN jack 2 x USB 3.0 ports
BIOS	AMI Aptio UEFI 4MB BIOS ROM
Operating System	Windows 7, Windows Embedded Standard 7, Windows XP Embedded, Linux
System Monitoring & Management	Wake-on-LAN, Keyboard Power-on, Timer Power-on System power management, AC power failure recovery Watch Dog Timer
Operating Temperature	0°C ~ 60°C
Operating Humidity	0% ~ 95% (relative humidity; non-condensing)
Form Factor	Pico-ITX 10 cm x 7.2 cm (3.9" x 2.8")
Compliance	CE/FCC/BSMI/RoHS

Back Panel I/O



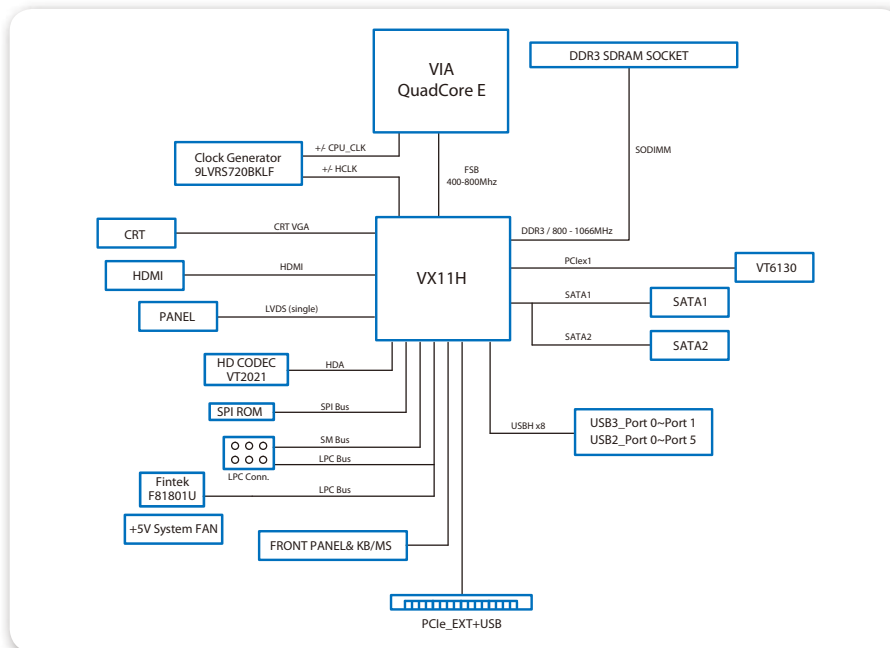
Accessories



Ordering Information

Model Name	CPU Frequency	Description
EPIA-P910-10Q	1.0GHz VIA QuadCore E	Pico-ITX Board with 1.0GHz QuadCore E with 1 x LVDS, 1 x VGA, 2 x SATA, 1 x Mini-HDMI, 2 x USB 3.0, 6 x USB 2.0, 1 x GigaLAN, 12V DC-in

Block Diagram



Packing List

Items
1 x DC power cable
1 x SATA cable
1 x SATA power cable