

Pico-ITX Series

NEW

VIA

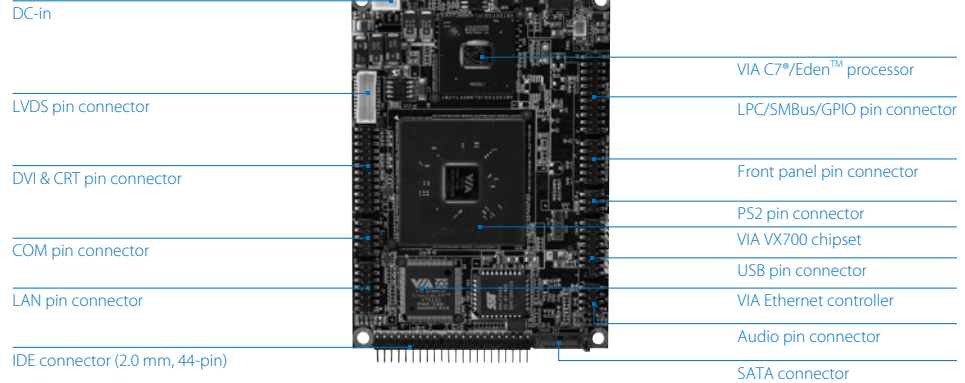
EPIA-P700

Pico-ITX C7®/Eden™ ULV
Board with MPEG-2 & 4,
WMV9 and CRT/DVI/LVDS/
DC-in Support

Features

- Integrated VIA UniChrome™ Pro II 3D/2D AGP graphics with MPEG-2/4 and WMV9 decoding acceleration
- Supports DDR2 533/667 SDRAM (SODIMM)
- Supports one IDE and one SATA
- Supports one Gigabit Ethernet, or manufacturing option for 10/100 Mbps Ethernet
- Supports CRT, DVI, LVDS display
- Supports one COM port
- Supports four USB 2.0 ports
- Supports HD audio
- Supports 12V DC-in
- Low profile design: All back panel I/O in pin header format except for the IDE and SATA connectors

Board Placement

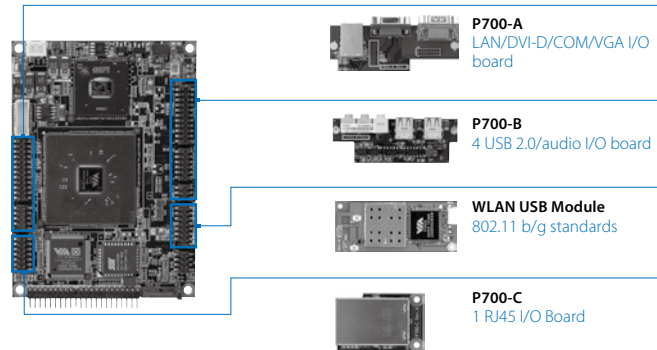


Specifications

| Model Name | EPIA-P700-10L | EPIA-P700-05LE |
|---|---|----------------------|
| Processor | 1.0GHz VIA C7® | 500MHz VIA Eden™ ULV |
| Chipset | VIA VX700 Unified Digital Media IGP chipset | |
| System Memory | 1 x DDR2 533/667 SODIMM socket (effective speed to 533MHz) Up to 1GB memory size | |
| VGA | Integrated VIA UniChrome™ Pro II 3D/2D AGP graphics with MPEG-2/4 and WMV9 video decoding acceleration | |
| Onboard IDE | 1 x UltraDMA 133/100 pin connector (2.0 mm 44-pin right-angle type) | |
| Onboard Serial ATA | 1 x SATA connector 1 x SATA power connector (5V) | |
| Onboard LAN | 1 x VIA VT6122 Gigabit LAN controller (a connector board is suggested) 1 x VIA VT6107 10/100 Mbps Fast Ethernet controller (manufacturing option) | |
| Onboard Audio | VIA VT1708B High Definition Audio Codec | |
| Onboard I/O Connectors | 1 x LAN pin header 1 x CRT/DVI pin header 1 x COM port pin header 1 x CPU fan pin connector 1 x Audio pin connector for Line-out, Line-in, & Mic-in 1 x Front panel pin header 4 x USB 2.0 port pin header 1 x PS2 mouse/keyboard pin header 1 x LVDS pin connector, for 18-bit single channel LVDS panel 1 x LPC/SM Bus/GPIO pin header (GPI x 2, GPO x 2) 1 x +12V DC-in 2-pin jack with lock | |
| BIOS | Award BIOS 4/8Mbit flash ROM | |
| Operating System | Windows XP, Linux, Win CE, XPe | |
| 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 ~ 50°C | |
| Operating Humidity | 0% ~ 95% (relative humidity; non-condensing) | |
| Form Factor | Pico-ITX (10-layer) 10 cm x 7.2 cm | |



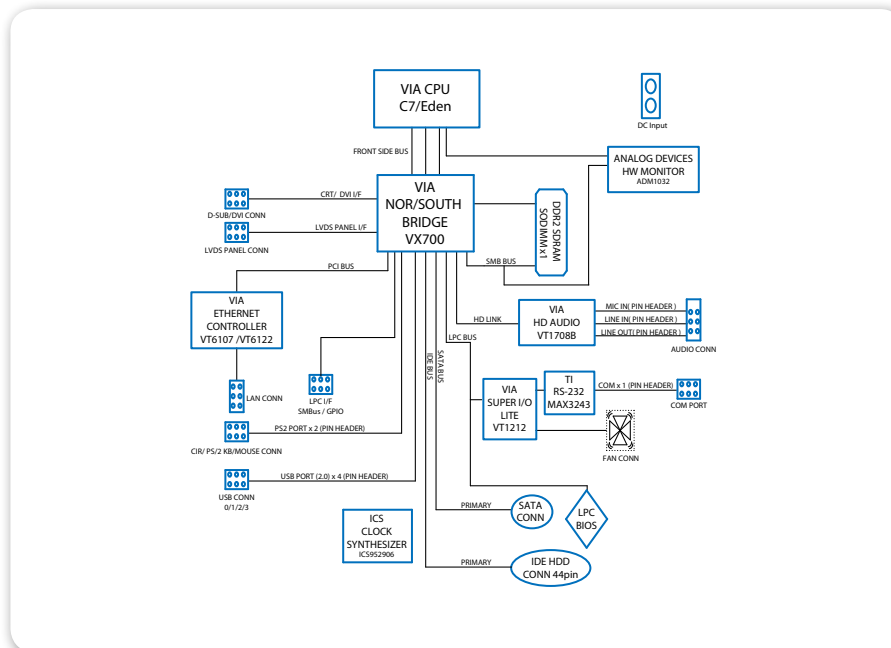
Accessories



Ordering Information

| Model Name | CPU Frequency | Description |
|------------|------------------|---|
| P700-10L | 1.0GHz C7® | Pico-ITX Board with 1.0GHz C7® CPU, DVI, VGA, LVDS, GigaLAN, COM, USB, IDE & SATA |
| P700-05LE | 500MHz Eden™ ULV | Pico-ITX Board with 500MHz Eden™ ULV CPU, DVI, VGA, LVDS, GigaLAN, COM, USB, IDE & SATA |

Block Diagram



Packing List

| Items |
|-------------------------|
| 1 x P700-A I/O board |
| 1 x P700-B I/O board |
| 1 x Driver Utility CD |
| 1 x DC-in cable |
| 1 x 5V SATA power cable |
| 1 x IDE cable |
| 1 x SATA cable |