

## Embedded Systems

VIA

# ARTiGO A1000

ARTiGO Barebone System with EPIA PX Embedded Board, Supporting MPEG-2&4, WMV9, USB, VGA & LAN



## Features

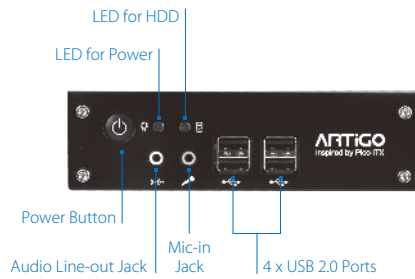
- Built with EPIA PX embedded board
- Integrated VIA UniChrome™ Pro II 3D/2D AGP graphics with MPEG-2/4 and WMV9 decoding acceleration
- Supports DDR2 533/667 SDRAM (SODIMM)
- On-board 10/100 Mbps LAN
- Supports one 2.5" HDD installation
- Supports four USB 2.0 ports
- Power-saving, with a complete system consuming 15 Watts while idling
- Space saving, ultra compact design

## Specifications

|                              |   |
|------------------------------|---|
| <b>Model Name</b>            | <b>ARTiGO A1000</b>   |
| <b>Processor</b>             | 1.0 GHz VIA C7®   |
| <b>Chipset</b>               | VIA VX700 Unified Digital Media IGP chipset   |
| <b>System Memory</b>         | 1 x DDR2 533/667 SODIMM socket (effective speed to 533MHz)<br>Up to 1GB memory size                                 |
| <b>VGA</b>                   | Integrated VIA UniChrome™ Pro II 3D/2D AGP graphics with MPEG-2/4 and WMV9 decoding acceleration                    |
| <b>Display Resolution</b>    | 640 x 480, 800 x 600, 1024 x 768, 1600 x 1200   |
| <b>Storage</b>               | 1 x IDE connector (2.0mm 44-pin header) for 2.5" IDE HDD<br>1 x SATA connector for 2.5" SATA HDD                    |
| <b>LAN</b>                   | 1 x VIA VT6106S 10/100 Mbps Ethernet controller   |
| <b>Audio</b>                 | VIA VT1708A High Definition Audio Codec   |
| <b>System I/O Outlet</b>     | 4 x USB 2.0 ports<br>1 x RJ-45 LAN port<br>1 x Mic-in jack<br>1 x Line-out jack<br>1 x VGA port<br>1 x Power button |
| <b>System Indicator</b>      | 1 x LED for HDD<br>1 x LED for Power  |
| <b>Power Requirement</b>     | AC input: 100-240V ~ 1.8A (50/60Hz)<br>DC output: +12V/ 5A  |
| <b>Operating Temperature</b> | 0°C ~ 35°C  |
| <b>Storage Temperature</b>   | -20°C ~ 70°C (90% relative humidity)  |
| <b>Operating Humidity</b>    | 0% ~ 90% (relative humidity; non-condensing)  |
| <b>Safety Certificate</b>    | CE, FCC   |
| <b>System Dimension</b>      | 5.9"(L) x 4.3"(D) x 1.8"(H) (15 cm x 11 cm x 4.5 cm)  |
| <b>System Weight</b>         | 1.14 lbs (520g)   |



## Front System I/O



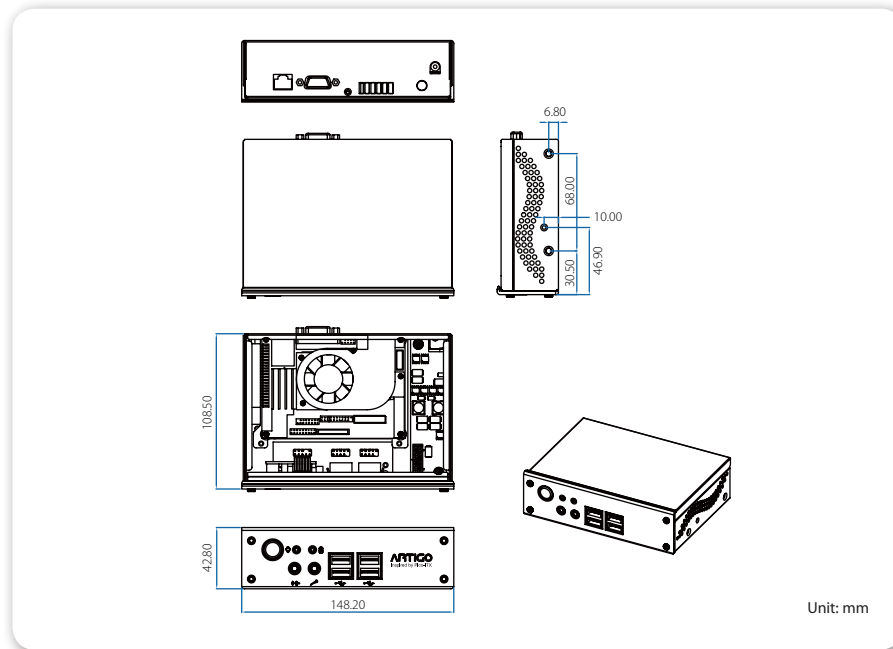
## Back System I/O



## Ordering Information

| Model Name   | CPU Frequency | Description   |
|--------------|---------------|---|
| ARTiGO A1000 | 1.0 GHz C7®   | Standard package version. ARTiGO barebone system with EPIA PX embedded board, supporting MPEG-2&4, WMV9, USB, VGA & LAN |

## Dimensions



## Packing List

|                                    |
|------------------------------------|
| 1 x EPIA PX embedded board package |
| 1 x ARTiGO A1000 chassis           |
| 1 x Power cord                     |
| 1 x Adaptor                        |
| 1 x Assembly guide                 |
| 1 x SATA cable                     |
| 1 x 12-12-pin power cable          |
| 1 x SATA power cable               |
| 1 x USB connector cover            |
| 4 x Plastic system stand           |
| 1 x IDE adaptor board              |