

VIA
ARTiGO A1250

Ultra-slim system for semi-embedded industrial applications for digital signage media player



Features

- 1.2GHz VIA Eden® X4 processor
- DX11 2D/3D graphics with MPEG-2/WMV9/VC1/H.264 decoding acceleration
- VIA MagicView® content management software available
- Support for dual independent VGA + HDMI displays
- DC jack strap holder

Specifications

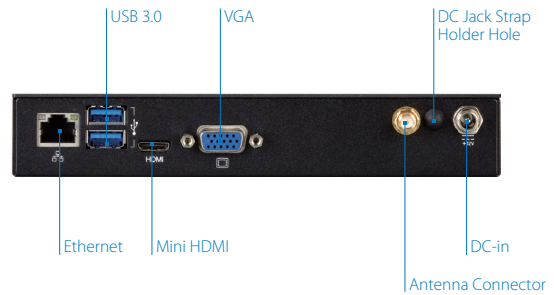
Model Name	ARTiGO A1250
Processor	1.2GHz VIA Eden® X4
Chipset	VIA VX11H Media System Processor
BIOS	AMI Aptio UEFI BIOS, 32Mbit Flash memory
System Power Management	Timer Power-On ACPI compliant
System Memory	1 DDR3 1066/1333 SODIMM socket Up to 8GB memory size
Storage	Supports 1 2.5" SATA HDD/SSD
Graphics	Integrated Chrome® 640 DX11 3D/2D graphics with MPEG-2, WMV9, VC1 and H.264 video decoding acceleration
Audio	VIA VT2021 High Definition Audio Codec
Display I/O	1 Mini HDMI port 1 VGA port supporting VGA resolutions up to 2560 x1600 pixels Dual independent VGA + HDMI display at different resolutions, pixel depths, and refresh rates
USB	2 USB 3.0 ports 2 USB 2.0 ports
LAN	VIA VT6130 PCIe Gigabit Ethernet controller Supports wake-on-LAN and Boot from LAN (PXE)
Front Panel I/O	2 USB 2.0 ports 3 Audio jacks: Line-in, Line-out and Mic-in 1 Power on/off switch 1 Red LED for HDD activity 1 Green LED for power status
Back Panel I/O	2 USB 3.0 ports 1 Mini HDMI port 1 VGA port 1 Gigabit Ethernet port 1 DC strap holder hole 1 Antenna hole reserved to support Wi-Fi 1 DC-in jack
Power Supply	12V DC-in (typical: 30W)
Operating System	Windows 10/8.1/8/7, WES 7, Linux
Watch Dog Timer	System reset; programmable 1~255 sec
Mechanical Construction	Aluminum top cover chassis housing Galvanized steel sheet (SECC) body chassis housing Front removable aluminum face plate
Mounting	VESA mount
Dimensions	177mm(W) x 30mm(H) x 125mm(D) (6.96" x 1.18" x 4.92")
Weight	0.68kg (1.49lbs)
Operating Temperature	0°C ~ 40°C
Operating Humidity	0% ~ 90% (non-condensing)
Storage Temperature	-10°C ~ 60°C
Compliance	CE/FCC



Front Panel External I/O



Back Panel External I/O



Ordering Information

Part Number	CPU Frequency	Description
ATG-A1250-5Q12A3	VIA Eden® X4 @ 1.2GHz	1.2GHz VIA Eden® X4 CPU Based Semi-Embedded System with Mini HDMI, VGA, 2 USB 3.0, 2 USB 2.0, Gigabit Ethernet, SATA, 12V DC-in, US Power Cord
ATG-A1250-6Q12A3	VIA Eden® X4 @ 1.2GHz	1.2GHz VIA Eden® X4 CPU Based Semi-Embedded System with Mini HDMI, VGA, 2 USB 3.0, 2 USB 2.0, Gigabit Ethernet, SATA, 12V DC-in, EU Power Cord
ATG-A1250-7Q12A3	VIA Eden® X4 @ 1.2GHz	1.2GHz VIA Eden® X4 CPU Based Semi-Embedded System with Mini HDMI, VGA, 2 USB 3.0, 2 USB 2.0, Gigabit Ethernet, SATA, 12V DC-in, JP Power Cord
ATG-A1250-8Q12A3	VIA Eden® X4 @ 1.2GHz	1.2GHz VIA Eden® X4 CPU Based Semi-Embedded System with Mini HDMI, VGA, 2 USB 3.0, 2 USB 2.0, Gigabit Ethernet, SATA, 12V DC-in, CN Power Cord

Optional Accessories

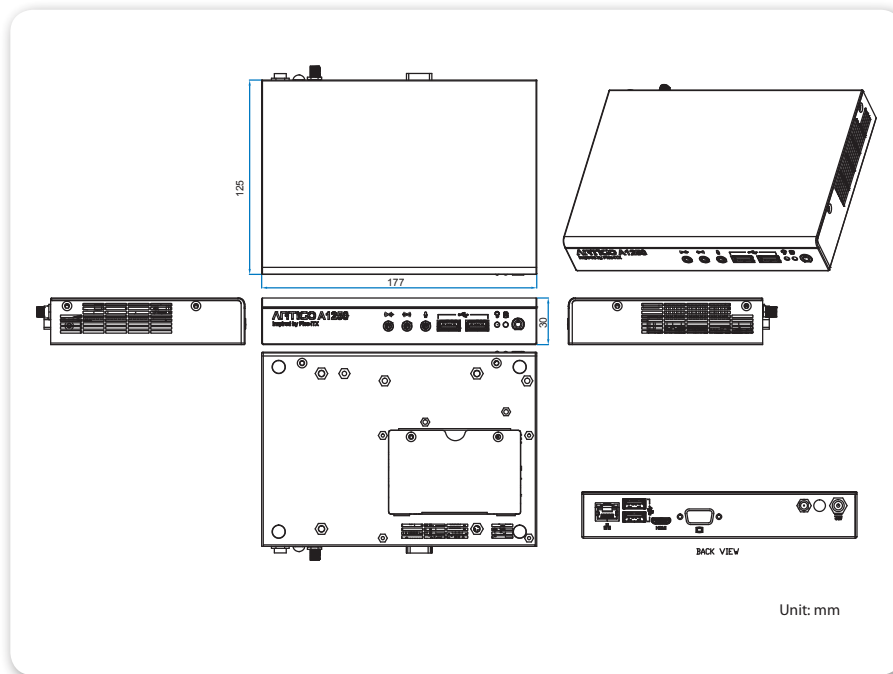
Wireless Accessories

Part Number	Description
EMIO-1533-00A2	VNT9271 IEEE 802.11 b/g/n USB Wi-Fi module with assembly kit

Mounting Options

Part Number	Description
99G42-09288E-1	Mechanism kit, wall mount bracket, 116mm x 116mm x 18.4mm

Dimensions



Packing List

Items
ARTiGO A1250 system
AC-to-DC power adapter
Power cord
DC jack strap holder
SATA cable
Screw pack for HDD