

VIA ALTA DS

Fanless ultra-compact
Android digital signage
system



Features

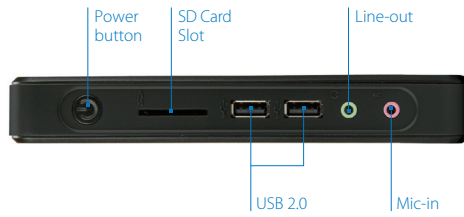
- All-in-one system with ready to load software
- Designed for Android operating system
- Hardware acceleration of the most demanding video formats for resolutions up to 1080p
- HDMI and VGA (optional) ports
- Android software solution pack and signage starter kit available

Specifications

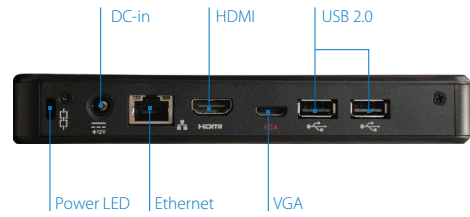
Model Name	ALTA DS
Processor	800MHz VIA Cortex-A9 SoC
System Memory	1GB DDR3 SDRAM onboard
Onboard Storage	4GB eMMC Flash memory Up to 16GB eMMC (optional)
Boot Loader	512KB SPI Flash ROM onboard
Graphics	Mali-400 SP GPU 2 integrated, independent 3D/2D graphics processing units Graphics engine supporting OpenGL® ES 2.0 hardware acceleration Supports MPEG-2, VC-1 and H.264 video decoding up to 1080p
LAN	VIA VT6113 10/100 Base-TX PHY chip
Audio	VT1603A I2S audio Internal speaker (optional)
HDMI	Integrated HDMI 1.4 transmitter
Front Panel I/O	2 USB 2.0 ports 1 SD card slot 2 Audio jacks: Line-out and Mic-in 1 Power on/off switch
Back Panel I/O	2 USB 2.0 ports (optional) - 1 port for Wi-Fi - 1 port for UART1 TX/RX 1 HDMI port 1 VGA port (optional) 1 10/100Mbps Ethernet port 1 DC-in jack
Power Supply	12V DC-in (typical: 3.35W)
Operating System	Android 4.0.3, Linux kernel 3.0.8
Operating Temperature	0°C ~ 40°C
Operating Humidity	0 ~ 80% @ 40°C (non-condensing)
Storage Temperature	-20°C ~ 70°C
Dimensions	175mm(H) x 25mm (H) x118(D) (6.88" x 0.98" x 4.64")
Weight	0.46kg (1.01lbs)
Compliance	CE/FCC



Front Panel External I/O



Rear Panel External I/O



Ordering Information

Part Number	System Built-in CPU	Description
VT60780013001-T	800MHz VIA Cortex-A9 SoC	Android signage system with 1GB DDR3 RAM, 4GB eMMC, HDMI, 4 USB 2.0, SD card slot, 10/100Mbps Ethernet, Stand holder, US power cord, 12V DC-in

Optional Accessories

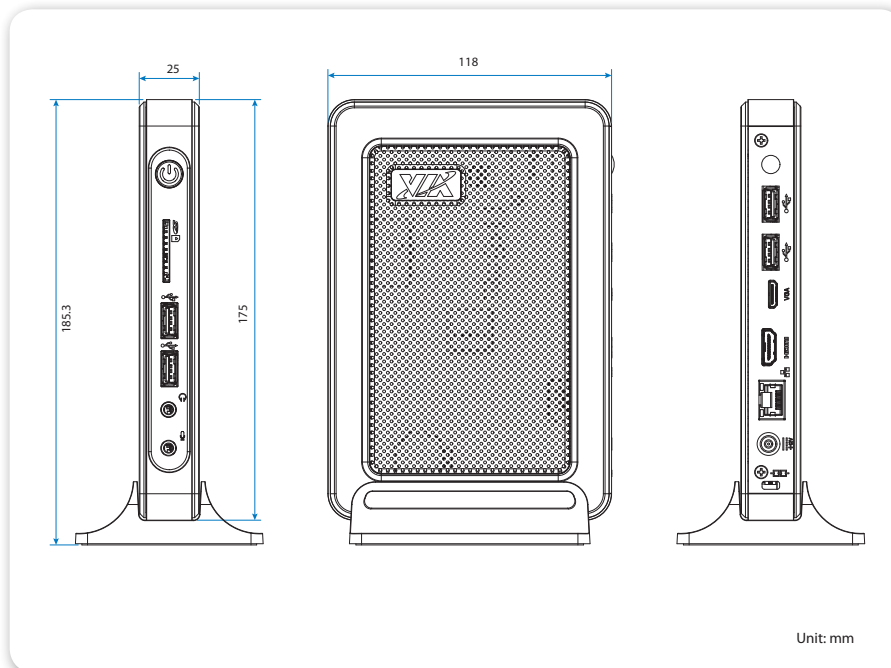
Wireless Accessories

Part Number	Description
00GO27100B62T050	VNT9271 IEEE 802.11b/g/n USB Wi-Fi module

Mounting Options

Part Number	Description
VT6076-C0000A1	VESA mount cradle

Dimensions



Packing List

ALTA DS system
Stand holder
AC-to-DC adapter
Power cord (USA type)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[VIA Technologies:](#)

[VT60780013001-T](#) [ALTA DS](#)