

Android Signage Solutions

VIA ALTA DS

Fanless ultra-compact
Android digital signage
system



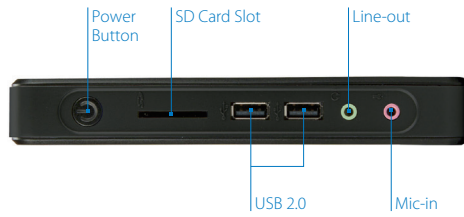
Features

- 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

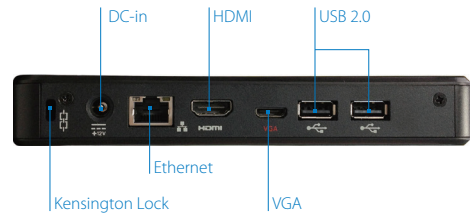
Specifications

| | |
|------------------------------|---|
| Model Name | ALTA DS |
| Processor | 800MHz VIA Cortex-A9 SoC |
| System Memory | 1GB DDR3 SDRAM onboard |
| 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 |
| 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) x 118(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 | SoC Frequency | Description |
|-----------------|----------------------------|--|
| VT60780013001-T | VIA Cortex-A9 SoC @ 800MHz | Android signage system with 800MHz VIA Cortex-A9 SoC, 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

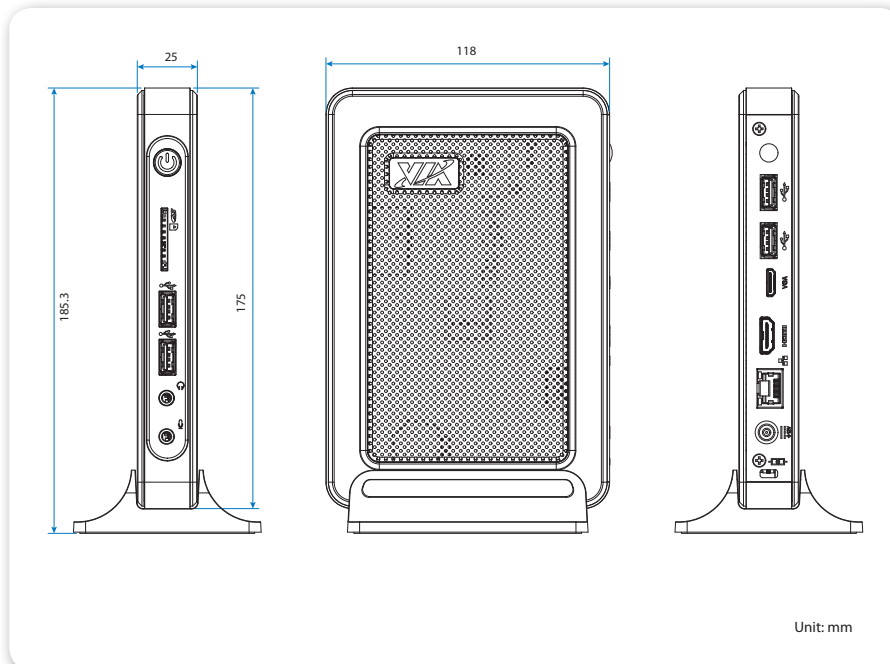
Wireless Accessories

| Part Number | Description |
|------------------|--|
| 00GO27100BU2B0D0 | VNT9271BU0DB IEEE 802.11b/g/n USB Wi-Fi dongle |

Mounting Options

| Part Number | Description |
|----------------|-------------------|
| VT6076-C0000A1 | VESA mount cradle |

Dimensions



Packing List

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