

## Android Signage Solutions

### VIA ALTA DS 2

Fanless ultra-compact dual-screen Android digital signage system



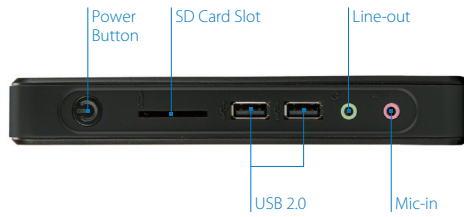
### Features

- High-performance 1.0GHz VIA Elite E1000 Cortex-A9 dual-core SoC
- Designed for Android operating system
- Dual-screen support with optional second HDMI port
- Extended & independent screen content support
- Android software solution pack and signage starter kit available

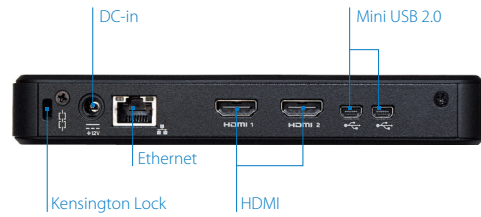
### Specifications

|                              |   |
|------------------------------|---|
| <b>Model Name</b>            | <b>ALTA DS 2</b>  |
| <b>Processor</b>             | 1.0GHz VIA Elite E1000 Cortex-A9 dual-core SoC  |
| <b>System Memory</b>         | 2GB DDR3 SDRAM onboard  |
| <b>Storage</b>               | 4GB eMMC Flash memory<br>Up to 16GB eMMC (optional)<br>Supports 1 2.5" SATA HDD/SSD (Project-based only)  |
| <b>Boot Loader</b>           | 4MB SPI Flash ROM   |
| <b>Graphics</b>              | 3 integrated, independent 3D/2D and video processing units<br>Graphics engine supporting OpenGL® ES 3.0 hardware acceleration<br>Supports MPEG-2, VC-1 and H.264 video decoding up to 1080p |
| <b>LAN</b>                   | Realtek RTL8111G-CG   |
| <b>Audio</b>                 | Wolfson WM8960 Audio Codec  |
| <b>HDMI</b>                  | Integrated HDMI 1.4 transmitter<br>2nd from ADV7511   |
| <b>Front Panel I/O</b>       | 2 USB 2.0 ports<br>1 SD card slot<br>2 Audio jacks: Line-out and Mic-in (shared with CIR, optional)<br>1 Power on/off button & power indicator LED  |
| <b>Back Panel I/O</b>        | 2 Mini USB 2.0 ports (optional)<br>- 1 for Wi-Fi<br>- 1 for UART1 TX/RX<br>2 HDMI ports (1 optional)<br>1 Gigabit Ethernet port<br>1 DC-in jack   |
| <b>Power Supply</b>          | 12V DC-in (typical: 5.12W)  |
| <b>Operating System</b>      | Android 4.4.2   |
| <b>Operating Temperature</b> | 0°C ~ 40°C  |
| <b>Operating Humidity</b>    | 0% ~ 90% @ 40°C (non-condensing)  |
| <b>Storage Temperature</b>   | -20°C ~ 70°C  |
| <b>Dimensions</b>            | 175mm(H) x 25mm (H) x 118(D) (6.88" x 0.98" x 4.64")  |
| <b>Weight</b>                | 0.555kg (1.22lbs)   |
| <b>Compliance</b>            | CE, FCC   |

## Front Panel I/O



## Back Panel External I/O



## Ordering Information

| Part Number     | SoC Frequency                                    | Description   |
|-----------------|--|---|
| VT60800014003-T | VIA Elite E1000 Cortex-A9 dual-core SoC @ 1.0GHz | Android signage system with 1.0GHz VIA Elite E1000 Cortex-A9 SoC, 2GB DDR3 RAM, 4GB eMMC, 2 HDMI ports, 2 USB 2.0 ports, 2 Mini USB 2.0 ports, SD card slot, Gigabit Ethernet, Stand holder, US power cord, 12V DC-in |

## Optional Accessories

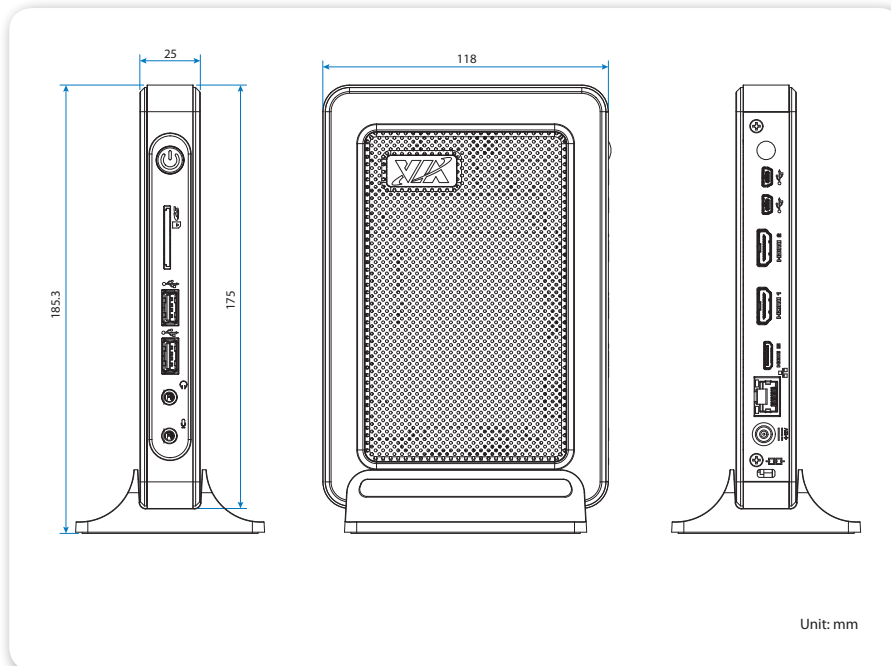
### Wireless Accessories

| 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 2 system      |
| AC-to-DC adapter      |
| Power cord (USA type) |
| Stand holder          |

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