

## Android Signage Solutions

VIA

# ALTA DS 4K

Fanless ultra-compact 4K  
Android digital signage &  
surveillance system



### Features

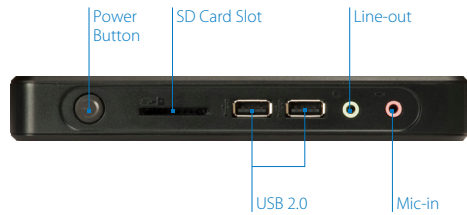
- 1.4GHz ZX-2000M Cortex-A17 quad-core SoC
- Supports 4K display resolution
- Designed for Android operating system
- Android software solution pack and signage, video wall and surveillance software available
- Dual Ethernet support

### Specifications

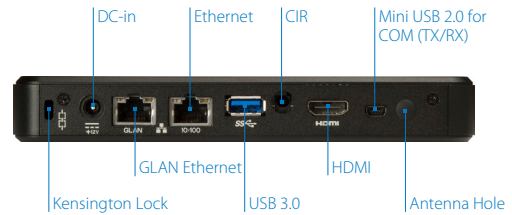
<b>Model Name</b>	<b>ALTA DS 4K</b>
<b>Processor</b>	1.4GHz ZX-2000M Cortex-A17 quad-core SoC
<b>System Memory</b>	2G DDR3 1600MHz SDRAM
<b>Storage</b>	8GB eMMC Flash memory
<b>Graphics</b>	Integrated 2D/3D and video processing units Graphics engine supporting OpenGL® ES 3.0 hardware acceleration Supports MPEG-2, VC1, H.264 and H.265 video decoding up to 3840x2160p30 Supports H.264 encoding
<b>LAN</b>	Realtek RTL8211FS-CG
<b>Wi-Fi &amp; Bluetooth</b>	IEEE 802.11 b/g/n Wi-Fi (optional) Bluetooth 4.0 (optional)
<b>Audio</b>	WM8960 Audio Codec
<b>HDMI</b>	Integrated HDMI 1.4 with CEC support
<b>Front Panel I/O</b>	2 USB 2.0 ports 1 SD card slot 2 Audio jacks: Line-out and Mic-in 1 Power on/off button with power indicator LED
<b>Back Panel I/O</b>	1 HDMI port 1 USB 3.0 port 1 Mini USB 2.0 port for COM (TX/RX) 1 Gigabit Ethernet port 1 10/100Mbps Ethernet port 1 CIR receiver 1 Antenna hole for Wi-Fi 1 DC-in jack
<b>Power Supply</b>	12V DC-in
<b>Operating System</b>	Android 5.0
<b>VIA Smart ETK</b>	Wake On LAN, Watchdog timer, UART
<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>Mechanical Construction</b>	Plastic frame Metal bracket Metal mesh cover on top and bottom
<b>Mounting</b>	Stand holder, VESA mount (optional)
<b>Dimensions</b>	175mm(W) x 25mm (H) x 118(D) (6.88" x 0.98" x 4.64")
<b>Weight</b>	0.5kg (1.10lbs)
<b>Compliance</b>	BSMI, CE, FCC



## Front Panel External I/O



## Back Panel External I/O



## Ordering Information

Part Number	System Built-in CPU	Description
VT60910016001-T	ZX-2000M Cortex-A17 quad-core SoC @ 1.4GHz	Android system with 1.4GHz ZX-2000M Cortex-A17 quad-core SoC, 2GB DDR3 SDRAM, 8GB eMMC, HDMI, USB 3.0, 2 USB 2.0, COM (TX/RX), CIR, Gigabit Ethernet, 10/100Mbps Ethernet, SD card slot, Stand holder, US power cord, 12V DC-in
VT60910016002-T (US Only)	ZX-2000M Cortex-A17 quad-core SoC @ 1.4GHz	Android system with 1.4GHz ZX-2000M Cortex-A17 quad-core SoC, 2GB DDR3 SDRAM, 8GB eMMC, HDMI, USB 3.0, 2 USB 2.0, COM (TX/RX), CIR, Gigabit Ethernet, 10/100Mbps Ethernet, Wi-Fi, Bluetooth 4.0, SD card slot, Stand holder, US power cord, 12V DC-in

## Optional Accessories

### Wireless Accessories

Part Number	Description
EMIO-5531-00A1	VAB-820-W IEEE 802.11 b/g/n USB Wi-Fi & Bluetooth module with assembly kit and antenna

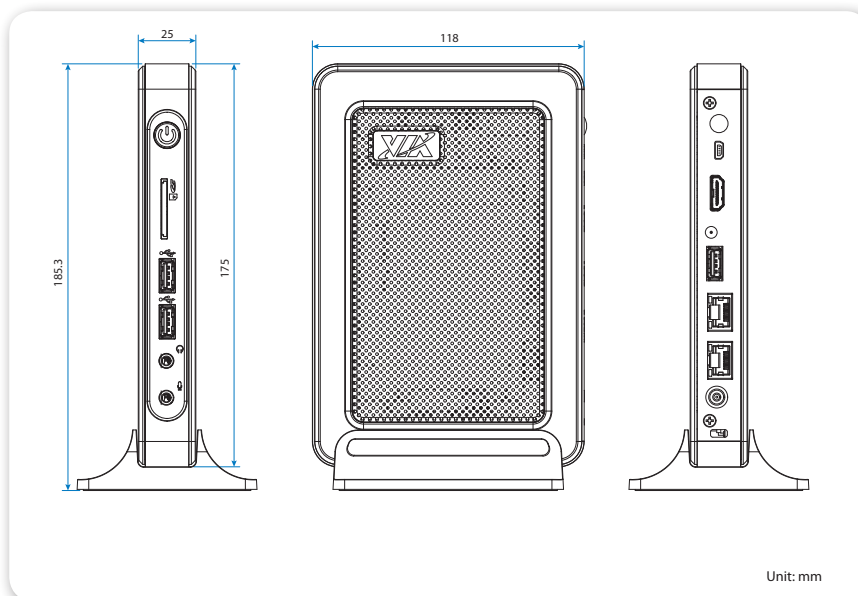
### Mounting Options

Part Number	Description
VT6076-C0000A1	VESA mount cradle

### Cable Accessories

Part Number	Description
99G33-192458	COM (TX/RX) Cable (Mini USB 2.0 male to 9-pin D-SUB male)

## Dimensions



## Packing List

Items
ALTA DS 4K system
Stand holder
AC-to-DC adapter
Power cord (USA type)
Wi-Fi antenna
(VT60910016002-T sku only)