

# Mobile Medical Assistant

# MD101

## 10.1" Rugged Medical Tablet



### Features

- Intel® Cherry Trail processor
- Slim & lightweight design for clinical mobility
- Long battery life for intensive care services
- Standard USB Type-A for easy connection to medical devices
- IP54 certified & 3 feet drop resistant
- ORION client compatible
- VESA mounting via adapter
- EN60601-1 & UL60601-1 Certified
- Ergonomic design adapted for portable and cart use
- Windows 10 and Android 6.0 available

### Specifications

#### Main Specifications

Processor	Intel® Cherry Trail QC Processor Z8350 1.44 GHz	
System Memory	2 / 4 GB	
OS Support	Microsoft® Windows 10 IOT LTSC	Android 6.0
Storage	eMMC 64 /128 GB	
Wireless Communication	802.11 a/b/g/n+BT 4.0	
Gyroscope Sensor	Bosch BMG 160	
Camera	2 MP (Front) / 8 MP (Rear)	
Touchscreen	Projected Capacitive Touchscreen , w/Gorilla Glass	
Accelerometer Sensor	Bosch BMC150	
Ambient Light Sensor	Capella CM3218	
Power Button	x1	
Volume Keys	x2	
Speakers	3 W x2	
Internal Mic	x1	
Alarm Light	x1 (Optional)	
Power Requirement	DC 15 V	

#### Display

Display Size	10.1" 16:10 Wide Screen LED Panel	
Resolution	FHD 1920 x 1200	
Max. Colors	16.7 M	
Contrast Ratio	800:1	
Luminance (cd/m2)	300 nits	

#### I/O

USB	USB 3.0 (Type-A) x1	
Audio Out / Mic In	3.5 mm Combo Audio Jack x1	N/A
Video Out	Micro HDMI x1 (Optional)	
DC-In	x1	

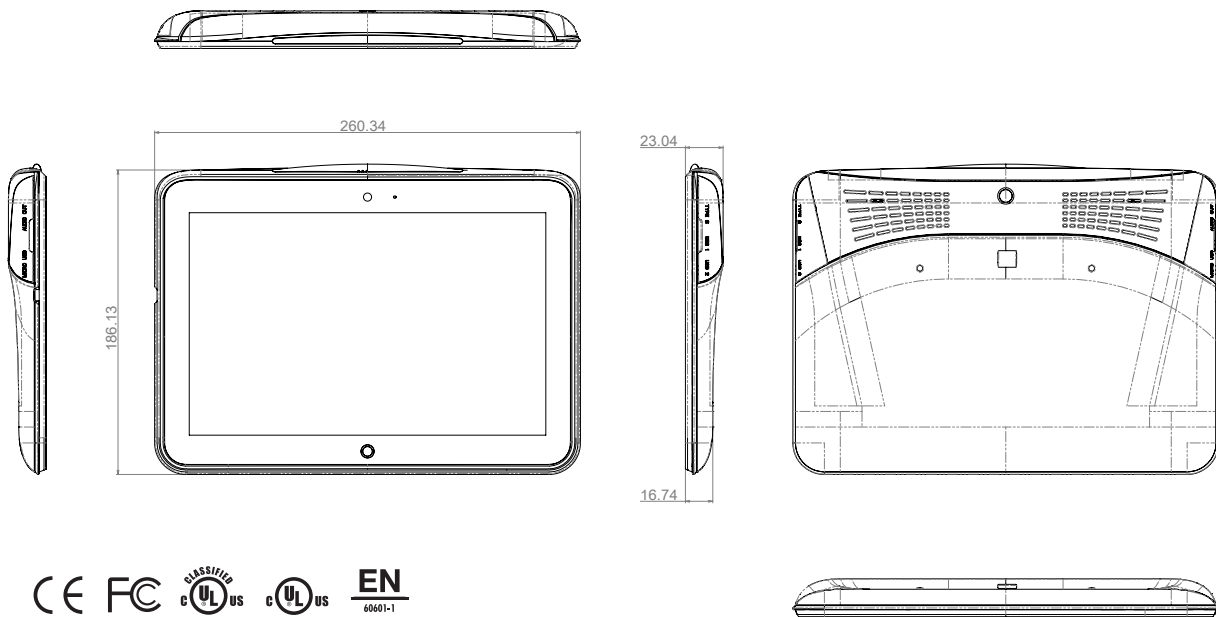
#### Battery Pack

Battery Type	Lithium-Ion	
Battery Capacity	4090mAh (46.62 Wh)	
Battery Run Time	Approx. 8 hrs	

#### Mechanical and Environmental

VESA	VESA 75 via cradle	
Operating Temperature	-10° C ~ 55° C (14° F ~ 131° F)	
Storage Temperature	-20° C ~ 60° C (-4° F ~ 140° F)	
Storage Humidity	10%~95%@35°C, non-condensing	
Dimension	260 (W) x 186 (H) x 23 (D) mm	
Net Weight	Approx. 1 kg	
Certifications	CE: EN 60601-1-2:2015(V4.0), EN 60601- 1:2006/A1:2013(V3.1) EN 300 328(V2.1.1), EN 301 893 (V2.1.1) FCC: Part 18 Class B, Part 15 C/E UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)	

## Dimensions / Unit: mm



## Ordering Information

## » ONYX-MD101ST-A1-1010

10.1" FHD 300nits, Gorilla PCT, Cherry Trail Z8350, 4G RAM, 128G eMMC, Dual Camera, WiFi/BT, Battery, Adapter; but without OS.

## » ONYX-MD101ST-A1-1011(Coming by 2018 Q2)

10.1" FHD 300nits, Gorilla PCT, Cherry Trail Z8350, 4G RAM, 128G eMMC, Dual Camera, WiFi/BT, Battery, Adapter, Android ,but without:Audio Jack.

## VESA Cradle



PN:OPM-T019-A1