

Mobile Medical Tablet

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	
DC-In	x1	

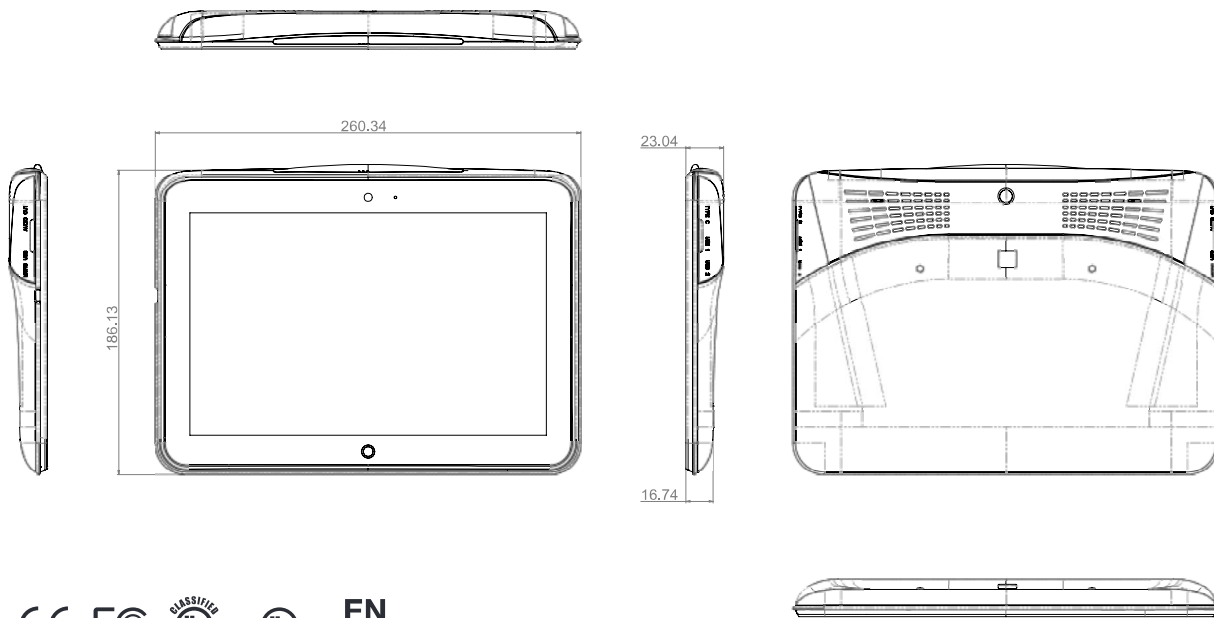
Battery Pack

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

Mechanical and Environmental

VESA	VESA 75 via cradle	
Degree of Protection	IP54	
Operating Temperature	0° C – 40° C (32° F – 104° F)	
Storage Temperature	-20° C – 60° C (-4° F – 140° F)	
Storage Humidity	10%–95%@40°C, non-condensing	
Dimension	260 (W) x 186 (H) x 23 (D) mm	
Packing Size	310 x 220 x 110 mm	
Gross Weight	2 kg (4.4 lb)	
Net Weight	Approx. 1 kg (2.2 lb)	
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	

Dimensions / Unit: mm



Ordering Information

- » ONYX-MD101ST-A1-1010
Tablet.Z8350.10.1" FHD.C-TS(G).4GB RAM.128GB eMMC.F/R-Camera.HDMI-Out.WiFi/BT.AL without OS.
- » ONYX-MD101ST-A1-1011
Tablet.Z8350.10.1" FHD.C-TS(G).4GB RAM.128GB eMMC.F/R-Camera.HDMI-Out.WiFi/BT.Android 6.x without:Audio Jack.

VESA Cradle



- » Cradle for MD101
PN:OPM-T019-A1

Optional Accessories

- » 1255300369
Medical Power Adaptor.100 ~ 240V.15V.2.4A.36W.