

Onyx Mobile Medical Tablet PC

MD101

10.1" Rugged Medical Tablet PC



Features

- Intel® Cherry Trail processor
- Slimmer & light weight design for clinical mobility
- Long life battery, supports intensive care service
- Standard USB Type-A for easy connection with medical device
- IP54 certified & 3 feet drop resistant
- ORION client compatible
- Support VESA 75 via mechanical metal adapter
- EN60601-1 & UL60601-1 Certified
- Ergonomic design for portable and trolley use

Specifications

Main Specifications

Processor	Intel® Cherry Trail QC Processor Z8350 1.44GHz
System Memory	2G/4GB
OS Support	Microsoft® Windows 10
Storage	eMMC 64 /128GB
Wireless Communication	802.11 a/b/g/n+BT 4.0
GPS	u-blox NEO-M8Q
Gyroscope Sensor	Bosch BMG 160
Camera	2MP(Front) / 8MP(Rear) Camera
Touch	Projected Capacitive Touch w/Soda Lime Glass or Gorilla Glass
Accelerometer Sensor	Bosch BMC150
Ambient Light Sensor	Capella CM3218
Power Button	x1
Volume Keys	x2
Speaker	3W x2
Internal Mic	x1
Alarm Light	x1 (Optional)
Power Requirement	DC 15V

Display

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

I/O

USB	USB 2.0 (Type-A) x1
Audio Out / Mic In	3.5mm Audio Combo Jack x1
Video Out	Micro HDMI x1 (Optional)
DC-In	x1

Battery Pack

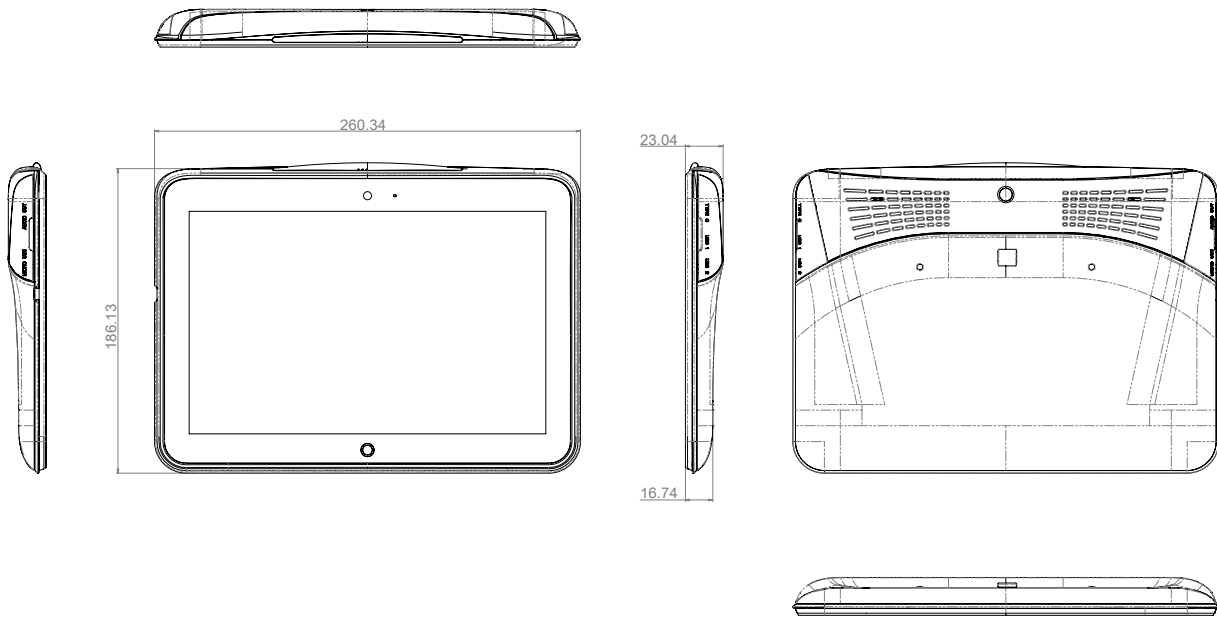
Battery Type	Liyhium-Ion Battery
Battery Capacity	46.62Wh
Battery Run Time	Approx. 8hrs

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. 1kg
Certification	CE/FCC Class B, UL60601-1, EN60601-1

10.1" Rugged Medical Tablet PC

Dimension / 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.
- » OPM-T019-A1
MD101 VESA Cradle