

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

Specifications

Main Specifications

Processor	Intel® Cherry Trail QC Processor Z8350 1.44 GHz
System Memory	2 / 4 GB
OS Support	Microsoft® Windows 10
Storage	eMMC 64 /128 GB
Wireless Communication	802.11 a/b/g/n+BT 4.0
GPS	u-blox NEO-M8Q
Gyroscope Sensor	Bosch BMG 160
Camera	2 MP (Front) / 8 MP (Rear)
Touchscreen	Projected Capacitive Touchscreen w/ Soda Lime Glass or 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
Video Out	Micro HDMI x1 (Optional)
DC-In	x1

Battery Pack

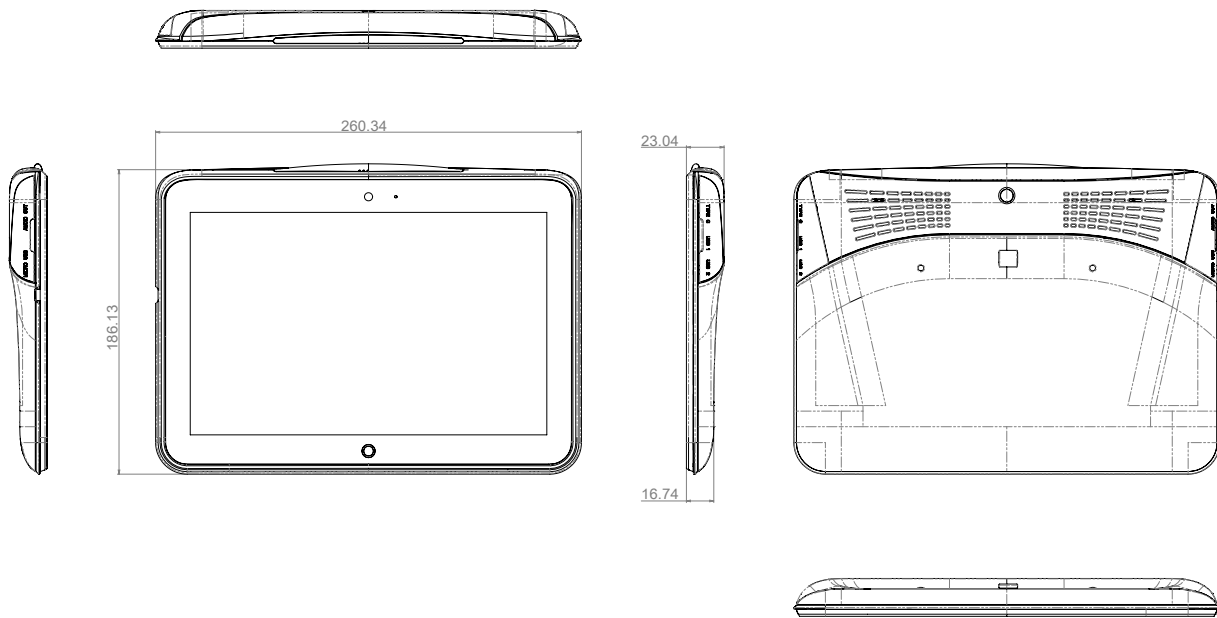
Battery Type	Lithium-Ion
Battery Capacity	46.62 Wh
Battery Run Time	Approx. 8 hrs

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

10.1" Rugged Medical Tablet

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.
- » OPM-T019-A1
MD101 VESA Cradle