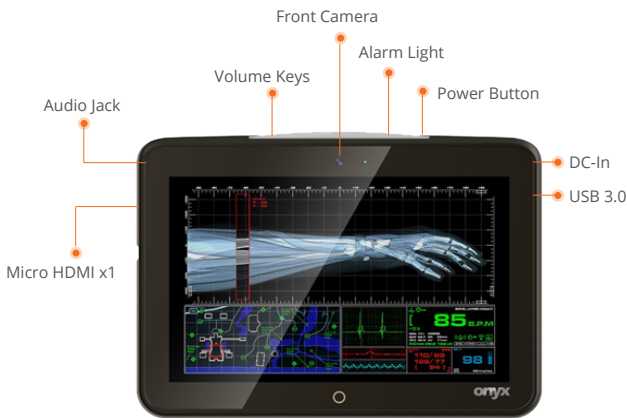


# Mobile Medical Tablet

## 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 & 1.5 Meter drop resistant
- ORION client compatible
- VESA mounting via adapter
- EN60601-1 Certified
- Ergonomic design adapted for portable and cart use
- Windows 10 / Android 6.0

### Specifications

#### MAIN SPECIFICATIONS

|                        |  |             |
|------------------------|--|-------------|
| Processor              | Intel® Cherry Trail QC Processor Z8350 1.44 GHz    |             |
| System Memory          | 4 GB   |             |
| OS Support             | Microsoft® Windows 10 IOT LTSB 2019                | Android 6.0 |
| Storage                | eMMC 128 GB  |             |
| Wireless Communication | 802.11 a/b/g/n/ac +BT 5.0                          |             |
| Camera                 | 2 MP (Front) / 8 MP (Rear)                         |             |
| Touchscreen            | Projected Capacitive Touchscreen , w/Gorilla Glass |             |
| Accelerometer Sensor   | ST LIS2DW12  |             |
| Ambient Light Sensor   | Capella CM32181E                                   |             |
| Power Button           | x1   |             |
| Volume Keys            | x2   |             |
| Speakers               | 2 W x2 SPL 98±3dB                                  |             |
| Internal Mic           | x1   |             |
| Alarm Light            | x1 (Optional)                                      |             |
| Power Requirement      | DC 15 V  |             |

#### DISPLAY

|                   |                                   |
|-------------------|-----------------------------------|
| Display Size      | 10.1" 16:10 Wide Screen LED Panel |
| Resolution        | 1920 x 1200                       |
| Max. Colors       | 16.7 M                            |
| Contrast Ratio    | 800:1                             |
| Luminance (cd/m2) | 380 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              |
| DC-In              | x1                         |

#### BATTERY PACK

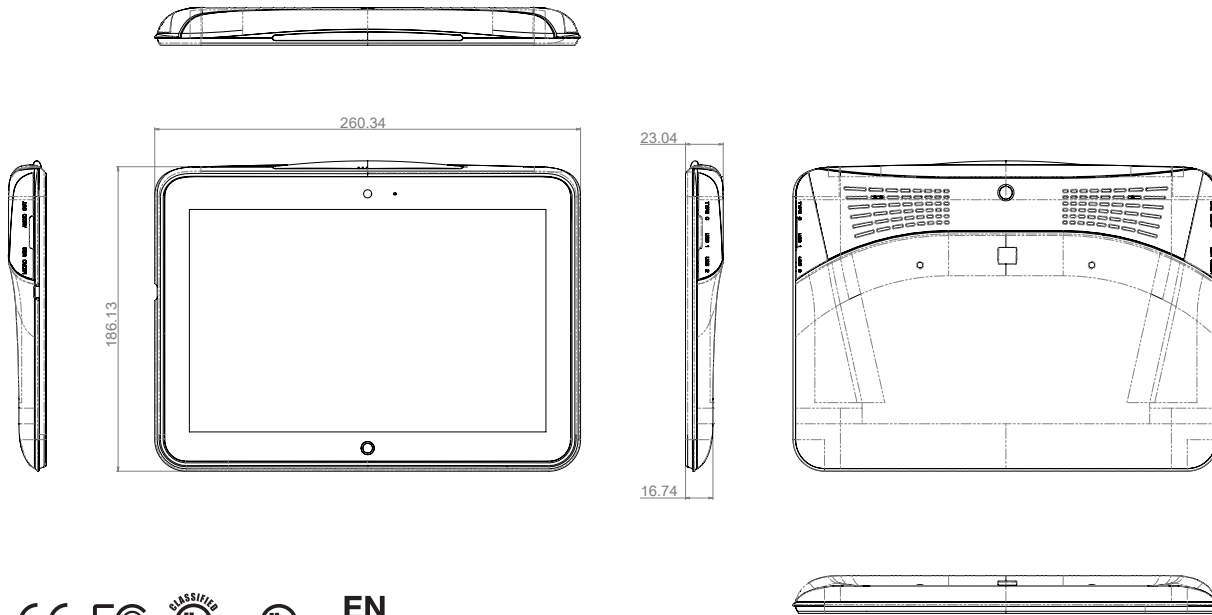
|                  |                    |
|------------------|--------------------|
| Battery Type     | Li-ion             |
| Battery Capacity | 4530 mAh (48.9 Wh) |
| Battery Run Time | Approx. 8 hrs      |

#### 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)<br>EN 300 328(V2.1.1), EN 301 893 (V2.1.1)<br>FCC: Part 18 Class B, Part 15 C/E |

## 10.1" Rugged Medical Tablet

## Dimensions / Unit: mm



## Ordering Information

- ONYX-MD101ST-A2-2010  
Tablet.Z8350.10.1" FHD.C-TS(G).4GB RAM.128GB eMMC.F/R-Camera.HDMI-Out.WiFi/BT.AL without OS.
- ONYX-MD101ST-A2-2011 (optional)  
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.