

Mobile Medical Tablet

MD102N

10.1" Rugged Medical Tablet

intel



Features

- Intel® Alder Lake 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/Windows 11 IOT

Specifications

MAIN SPECIFICATIONS

Processor	Intel® Alder Lake N200 1.80 GHz
System Memory	DDR5 8GB
OS Support	Microsoft® Windows 10 IOT LTSC / Win 11 IOT/Linux Ubuntu
Storage	NVMe 256GB
Wireless Communication	802.11 ax/a/b/g/n +BT 5.2
Camera	2 MP (Front) / (8MP) MP (Rear)
Touchscreen	Projected Capacitive Touchscreen , w/Gorilla Glass 3
Accelerometer Sensor	LSM6DSO
Ambient Light Sensor	LSM6DSO
Power Button	x1
Volume Keys	x2
Speakers	2W x2 SPL 98±3dB
Internal Mic	x1
Alarm Light	x1 (Optional)
Battery Light	x1
Power Requirement	DC 15 V, (60W)

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) x 1 USB 3.0 (Type-C) x 1 (Host + Display)
Audio Out / Mic In	3.5 mm Combo Audio Jack x1
Video Out	Via USB 3.0 Type-C
DC-In	x1

BATTERY PACK

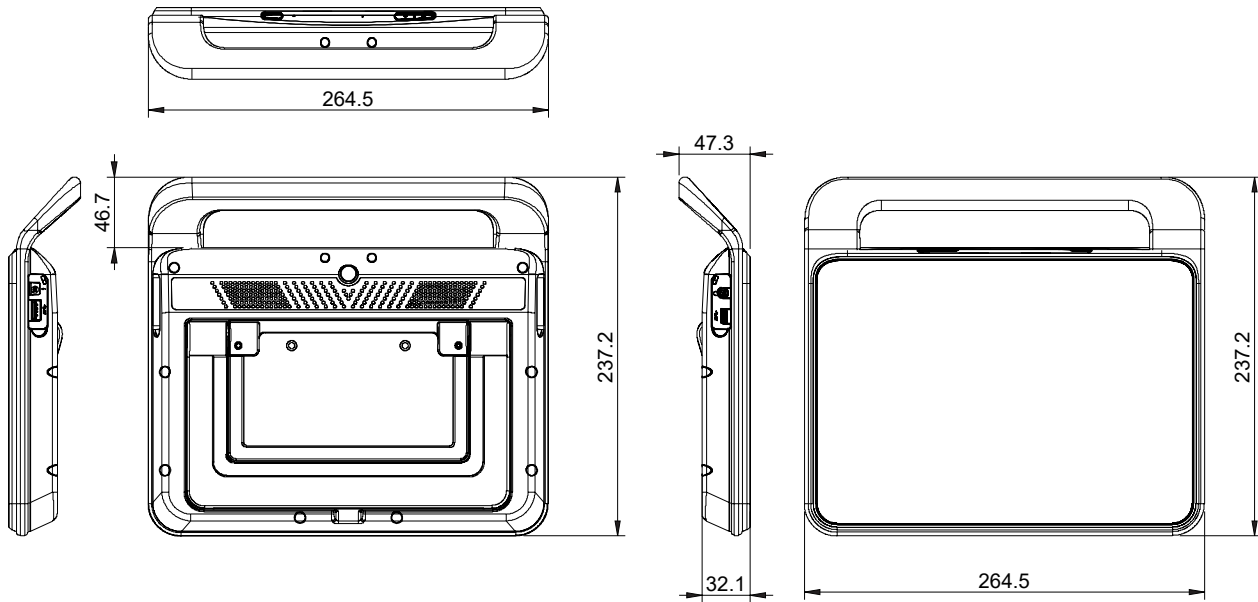
Battery Type	Li-ion
Battery Capacity	9060mAh (65.2 Wh)
Battery Run Time	Approx. 8 hrs

MECHANICAL AND ENVIRONMENTAL

VESA	VESA 75 via Rear cover Bracket (With/Without)2 Design
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	TBD
Packing Size	TBD
Gross Weight	TBD
Net Weight	Approx. 1.2 kg
Certifications	CE: EN 60601-1-2:2020(V4.1), EN 60601-1:2006/A1:2020(V3.2) EN 60601-1:2006/A1:2020(V3.2) FCC: Part 18 Class B, Part 15 C/E UL : ANSI AAMI ES60601-1:2005/A1:2012/A2:2021(V3.2) cUL : CAN/CSA-C22.2 No. 60601-1:14 (IEC 60601-1:2005+A1:2012+A2:2020,MOD) (V3.2)

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Dimensions / Unit: mm



Ordering Information

- ONYX-MD102N-P1-A1-0001**
 Tablet N200.10.1 FHD.BATT.C-TS(G).8GB RAM.256GB NVME.F/R-Camera.WiFi/BT.HD
- ONYX-MD102N-P1-A1-0002**
 Tablet N200.10.1 FHD.BATT.C-TS(G).8GB RAM.256GB NVME.F/R-Camera.WiFi/BT.WOHD
- ONYX-MD102N-P1-A1-0003**
 Tablet N200.10.1 FHD.BATT.C-TS(G).8GB RAM.256GB NVME.F/R-Camera.WiFi/BT.WOHD (TL)

Optional Accessories

- 125530065E**
 Medical Power Adaptor.
 AC/DC.100 ~ 240V.15V/4.34A/65.1W