

# Mobile Medical Tablet

# MD116/MD116I

12" Fanless Intel ATOM / i5 Medical Tablet



(Only MD116i)



## Features

- Intel® Apollo Lake processor / Kaby lake U processor
- Dual hot-swappable batteries for 24/7 operation
- Dual smart card readers for multiple-care workflow
- Standard USB Type-A and RJ45 for easy connection to medical devices
- IP54 certified & 3 feet drop resistant
- ORION client compatible
- Instant vehicle docking system
- Automotive Directive and EN1789 compliance for ambulances/medical transportation vehicles

## Specifications

MAIN SPECIFICATIONS	MD116	MD116I
Processor	Intel® Apollo Lake Processor	Intel® Kaby Lake Core i5 U Processor
System Memory	DDR3L SO-DIMM x1, Default 4 GB (Up to 8 GB),	DDR4 SO-DIMM x1, Default 4 GB (Up to 16 GB)
OS Support	Microsoft® Windows 10 IOT LTSB/ Linux ubuntu 20.04 LTS	
Storage	M.2 Interface x1, Default 64 GB	
Wireless Communication	802.11 a/b/g/n/AC + BT5.0 (Optional)	
Camera	2 MP (Front) / 5 MP (Rear) (optional)	
Touchscreen	Projected Capacitive Touchscreen, w/Gorilla Glass	
Digital Accelerometer	ADI ADXL345	
Ambient Light Sensor	TAOS TSL2581	
LTE+GPS	Sierra EM7421 x 2 (Optional)	Sierra EM7421 x 1 (Optional)
Function Keys	x2	
LED Indicators	x2	
Speaker	2W x1	
Internal Mic	x1	
Power Requirement	DC 12V	
Security	Smart Card Reader x2, RFID x1 (optional)	

### DISPLAY

Display Size	11.6" 16:9 Widescreen LED Panel	
Resolution	FHD 1920 x 1080	
Max. Colors	16.7M	
Contrast Ratio	800:1	
Luminance (cd/m2)	300nits	600nits

### I/O

USB	USB 3.0 (Type-A) x1, USB 2.0 (Type-A) x1	
Ethernet	Gigabit LAN x1	
DC-In	DC-in Jack x1	
Docking	Docking Connector x1	

### BATTERY PACK

Battery Type	Li-ion	
Battery Capacity	4545 mAh (32.72Wh) x2	
Battery Run Time	Approx. 8 hrs	Approx. 3.5 hrs

### MECHANICAL AND ENVIRONMENTAL

VESA	VESA 75 via docking station	
Degree of Protection	IP54	
Operating Temperature	0° C ~ 40° C (32° F ~104° F)   0° C ~ 35° C (32° F ~95° F)	
Storage Temperature	-20° C ~ 60° C (-4° F ~ 140° F)	
Storage Humidity	10%~95%@40°C, non-condensing	
Dimensions	312 (W) x 239 (H) x 37 (D) mm	
Packing Size	400 x 345 x160 mm	
Gross Weight	3 kg (6.6 lb)	
Net Weight	Approx. 1.45~1.8 kg (3.2 lb~3.97 lb)	
Certifications	CE: EN 60601-1-2:2020 (EMC4.1), EN 60601-1:2020 (Safety 3.2) EN 300 328 (V2.1.1), EN 301 893 (V2.1.1) EN IEC 62368-1:2020+A11:2020 (IT Grade)  FCC: Part 18 Class B, Part 15 C/E UL: ANSI/AAMI ES60601-1:2005 & A1:2012 & A2:2021 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)	