

M1166

11.6" Healthcare Infotainment Terminal



Features

- ARM quad-core Cortex-A17 CPU 1.8G Hz, Android-based
- Bedside infotainment and medical thin-client application
- 11.6" LCD display
- 10-point projected capacitive multi-touch
- IEC & EN 60601-1 (Edition 3.1) and IEC & EN 60601-1-2 (Edition 4th) certified
- PoE connectivity (PD)
- Operating temperature: 0~45°C

System	
CPU	ARM Quad-Core Cortex-A17 1.8GHz (SoC)
Memory	4GB LPDDR3 memory soldered on board
Storage	8GB eMMC Flash soldered on board (16GB optional)
Peripherals and Devices	
Camera	5MP AF front-facing camera
WLAN & Bluetooth	1 x WLAN 802.11 a/b/g/n & Bluetooth 4.0 + BLE
RFID & NFC	1 x 13.56MHz RFID & NFC reader with ISO 14443A/14443B/15693 support (optional)
Light Sensor	Ambient light sensor
I/O Interface	
SD Card	1 x microSDHC/microSD card socket (covered) (Max. 32GB)
Audio	1 x 3W speaker 1 x 3.5mm earphone jack (supports CTIA) 1 x built-in microphone
LAN	1 x RJ-45 10/100/1000M with PoE PD support
USB Port	2 x USB 2.0 Type-A ports (rear) 1 x OTG micro-USB 2.0 (covered on right side)
Power	1 x DC power jack
Button & Indicator	
Button	1 x Power on/off button 2 x Volume up/down buttons 1 x Reset button (covered)
Touch Screen	
Type	10-point Projected Capacitive Multi-Touch
LCD Display	
Size/Type	11.6" TFT, eDP type
Max. Resolution	1366 x 768
Contrast Ratio	500:1 (typ.)
Brightness	220 cd/m ²
Backlight Type	LED
View Angle (A/BR/L)	20°/45°/45°/45° (typ.)

Power Requirement	
Power Input	PoE or DC adaptor input
Adapter Input	100 ~ 240 VAC (full range)
Adapter Output	DC 12V, 3A
Mechanical & Environmental	
Operating Temp.	0 ~ 45°C (32 ~ 113°F)
Storage Temp.	-20 ~ 60°C (-4 ~ 140°F)
Operating Humidity	10 ~ 80 % @ 45°C (non-condensing)
Dimensions (W x H x D)	306.29 x 205.48 x 30mm (12.06" x 8.09" x 1.18")
Net Weight	TBD
Vibration	1 Grms/ 5 ~ 500Hz/ random operation
Shock	10G/ peak (11ms)
Mounting	VESA-75 compatible
IP Rating	Compliance design with IP54 (front panel)
Operational Altitude	Below 2000m CE, FCC Part 18 Subpart C
Regulatory	IEC & EN 60601-1 Safety (Edition 3.1), IEC & EN 60601-1-2 EMC (Edition 4th)
OS Support	
Android™ 7.1, Linux	
Ordering Information	
M1166	11.6" terminal with projected capacitive touchscreen, Wi-Fi and front camera



Dimensions



Optional Accessories

PAC-M030W 36W medical-grade AC/DC adapter kit



Rolling Stand Rolling stand (BTO* model)



Optional Configuration (CTOS* Kit) (Not Sold Separately)

RFID & NFC-1166 RFID & NFC module kit



*CTOS means *Configure-to-Order Service*.