

Multi-Touch PPC (With Battery)

Model:M185D-TPC

Product Features:

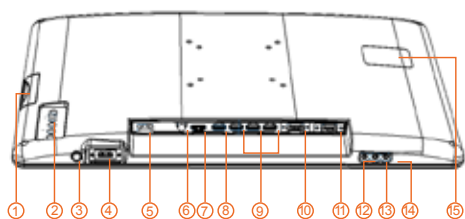
- Large Capacity Battery 10600 mAh
- 18.5" LED LCD with projective capacity multi-touch screen
- Embedded Intel® Atom N2600 processor
- Fanless plastic housing design
- Ultra-low power consumption
- USB 3.0 support
- Optional: Smart Card Reader, Barcode Reader, RFID Reader



Product Specifications:

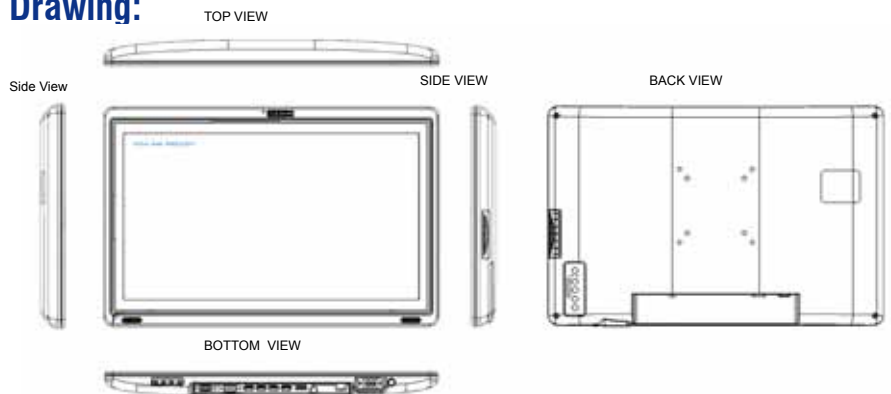
Display	Model Name	M185D-TPC
	Size/Type	18.5" (LED Backlight)
	Resolution (pixels)	1366 x 768
	Number of Colors	16.7M
	Brightness (cd/m2)	250
	Contrast Ratio	1000:1
Touch	Viewing Angle	170 (H); 160 (V)
	Technology	2 point Multi-touch (projective capacity)
System	Processor	Intel® Atom N2600 1.6GHz Processor
	Chipset	NM10
	Memory	DDR3 1066 MHz SO-DIMM Slot, Max 4GB
	Storage	SSD (default 32GB)
Input/ Output	Speaker	2W x2 speaker / with water proof speaker
	Serial Ports	1 x RS232
	USB Ports	1 x USB 3.0, 3x USB 2.0
	Ethernet	1 x RJ45
	Audio	Line-Out, Line-In, Mic in
	HDMI output	1 x 1.3a
	VGA output	1 x15pin D-sub
	Communication	Wifi & Bluetooth (optional)
Power	Ethernet	RJ45-10/100/1000 Mbps
	Camera (front)	2 Mega pixels camera with 30 FPS and water proof shutter
	Power Input	12V DC-IN Power input
Driver OS Support	Power Consumption	20W (typ)
	Battery (Built-in)	10600 mAh
	Operating Time	4 Hours
Mechanical & Environment	Windows Embedded Standard 7	
	Mounting	75 x 75 mm, 100 x 100 VESA mounting
	Housing	White color plastic housing, IP65 water proof in front side
	Dimension	467 x 304 x 35 mm
	Weight	4.5kg
	Operating Temperature	0 deg.C to 50 deg.C
	Charging Temperature	0 deg.C to 35 deg.C
Humidity	30% to 90% (non-condensing)	
Option	Smart Card Reader	User Card - Friction Type, 200,000 Cycles, SAM card - 5000 insertion
	Barcode Reader	2D QR Code, DataMatrix (ECC 200), PDF417, MaxiCode, Aztec. 1D GS1 DataBar (RSS), Code 39, Code 93, Code 128, Interleaved 2 of 5, Industrial 2 of 5, Codabar (NW7), UPC-A, UPC-E, UCC/EAN-128, UCC/EAN-8, EAN-13
	RFID Reader	Supported RFID Card : Mifare UltraLight, Mifare One(S50), Mifare One(S70)

I / O View:



- | | | |
|---------------------------------|-------------------|---------------------------|
| 1. Smart Card Reader (optional) | 5.RJ45 | 11.VGA output |
| 2.Functionkey:Power On/Off | 6.DC 12V in | 12.Mic in |
| Brightness +/- | 7.HDMI output | 13.Line in |
| Volume +/- | 8.USB 3.0 | 14.Line out |
| 3.Screen On/Off | 9.USB 2.0 | 15.RFID Reader (Optional) |
| 4.BarcodeReader (Optional) | 10.Rs232 COM Port | |
| HDMI Input (Optional) | | |

Drawing:



- Measurements shown in mm
- All Dimensions are ± 0.5mm
- Note: this is a simplified drawing and some components are not marked in detail.

Rev.	Reasons	Revised Date
1.0	First release	Mar.29.12
1.1	Spec change	May.08.12
1.2	Spec change	Aug.31.12