

# PCMT 8185

## 18.5" Industrial Panel PC Atom N2600 1.6GHz CPU Multi-Touch Screen Monitor



### » Features

- » Fanless plastic housing with IP65 rated front bezel
- » 18.5 inch 1366 x 768 LED backlight monitor
- » Projected capacitive multi-touch screen monitor
- » Atom N2600 1.6GHz embedded system
- » Support waterproof speaker
- » 1 LAN, 4 USB, 1 COM, HDMI & VGA video output
- » 12V DC power input

### » Specifications

#### Material:

Fanless plastic housing  
IP65 waterproof in front side

#### LCD Panel:

Size: 18.5"  
Max. Resolution: 1366 x 768  
Brightness: 250 cd/m<sup>2</sup>  
Contrast Ratio: 1000:1  
Viewing Angle (H/V): 170'(H)/ 160'(V)  
Backlight: LED  
Colors: 16.7M

#### System:

CPU: Atom N2600 1.6GHz CPU  
Chipset: NM10  
Memory: DDR3-1066 SO-DIMM, Max. 4GB

#### Drive Bay:

2.5"HDD (default 160GB)

#### Video:

HDMI & VGA video output

#### Touch Screen:

2 point multi-touch projected capacitive touch screen

#### Mounting Type:

VESA (75x75mm, 100x100mm) mounting holes

#### Connectors:

1 x RS232  
1 x USB 3.0  
3 x USB 2.0  
1 x HDMI output  
1 x 15-pin VGA output  
1 x RJ45 GbE LAN  
1 x Audio (line-out, line-in, mic-in)

#### Speaker:

2 x 2W speaker / with waterproof speaker

#### Camera:

2 Mega pixels camera with 30 FPS and waterproof shutter

#### WiFi & Bluetooth (Option):

802.11b/g/n + Bluetooth Class 2 BT2.1 + EDR

#### Smart Card Reader (Option):

User Card - Friction Type, 200,000 Cycles, SAM card  
5000 insertion

#### Barcode Reader (Option):

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, EAN-13

#### RFID Reader (Option):

Supported RFID Card: Mifare UltraLight, Mifare One  
(S50), Mifare One (S70)

#### Weight:

9.92lbs

#### Dimension:

18.39"(W) x 11.97"(H) x 1.38"(D)

#### Power Supply:

12V DC power input

#### Environmental:

Operating: 0°C to 50°C (32°F to 122°F)  
Relative humidity: 30~90%, non-condensing

### » Ordering Guide

#### PCMT8185:

18.5 inch 1366 x 768 industrial Panel PC with projected capacitive multi-touch touch screen, Atom N2600 1.6GHz CPU, 2GB DDR3 SODIMM memory, fanless plastic housing with IP65 rated front bezel, HDMI & VGA video port. Option for WiFi & Bluetooth, Smart Card reader, Barcode reader, and RFID Reader