



# SHARK 7" PPC

7" Fanless Panel PC with Intel® Atom™ Bay Trail Processor

## ■ Features:

- 7" LCD with resistive touch screen
- Intel® Atom™ Bay Trail J1900 / E3825 / E3845 SoC
- DDR3L 2GB / 4GB on board
- 2 x GbE, 1 x COM, VGA, 2 x USB
- Wide Range 9~36V DC input
- Aluminum housing

## ■ Specifications :

Motherboard	2I385CW
CPU	Intel® Atom™ Bay Trail E3845 1.91 GHz (Quad Core)
Chipset	Intel Bay Trail SoC
Memory	DDR3L 4GB integrated
Storage	mSATA, HDD / SSD*
Expansion slots	1 x Full-size Mini PCIe (PCIe / USB / mSATA) 1 x Half-size Mini PCIe (USB / mSATA)
I/O ports	Network 2 x Intel GbE USB 2 x USB 2.0 Serial ports 1 x RS232 Display 1 x VGA
Optional Modules & Function	GPS, Bluetooth, PoE, WiFi, 4G LTE, Isolated COM, battery UPS *SATA Kit, *VESA Mount Kit, * External power adapter
Certification	CE / FCC
OS Support	Windows® 10 IOT (64bit), Windows® 8.1 (64bit), Windows® Embedded 8 Standard (64bit), Windows® 7 (32 / 64bit), Windows® Embedded Sta 7 (32 / 64bit), Ubuntu 14.10 above, Fedora 25 above, Debian 8 above, CentOS 7.3 above, Mint 18.1 above

## ■ Mechanical

Dimensions	184.7W x 122.5D x 40H mm
Weight	2 kg
Mounting	VESA mount & Stand (optional)

## ■ Power

DC input	+9~36V
AC input	External adapter 100 / 240V, AC-DC (optional)

## ■ LCD Display & Touch

Display Type	7 inch 16:9
Max. Resolution	1024 x 600
Viewing Angle	75(U) 75(D) 75(R) 75(L)
Luminance (cd/m2)	500
Contrast Ratio	700:1
Touch Type	Resistive Touch Screen

## ■ Environment

Operating Temp.	-20°C to +60°C with mSATA / SSD
(100 % CPU usage)	0°C to +50°C with HDD
Storage Temp.	-20°C to +70°C
Relative Humidity	95% @ 40°C, non-condensing
IP Rating	Front panel IP65 Compliant

## ■ Dimension

