



## Overview

### Windows Computer Modules – Embedded PCs – TDD-A-WI-A



The **TDD** computer modules are a great computing solution when your application requires the PCs to be integrated into equipment. Powered by Android or Intel Celeron or Core i3 / i5 / i7 and a heavy-duty aluminum or steel enclosure with high performances, it can withstand harsh industrial environment with multiple I/O & expansion slots. Built with rugged internal components, fanless cooling systems make it ideal for industrial applications from self-service kiosks. Our computer modules transform your touchscreens devices into powerful touchcomputer platforms with compatibility to most content management servers, enabling customer engagement and immersive brand experiences by adding a new exciting dimension to traditional broadcast digital signage - the power of touch. Our Android computer modules provide the performance needed to manage demanding and media-rich interactive software applications. Together, they allow customers to securely leverage existing online and mobile digital content with minimal investment and development time.

## Features

Intel Bay Trail J1900 quad core 2.0GHz (N3150 is optional)

Integrated Intel Graphics, HD +VGA display;

2\*Mini-PCIE, support MSATA and WIFI / 3G

1\*SPDIF Pin, 5\*usb2.0, \*usb3.0, 2\*COM;

1\*RJ45 RTL8111E 1000M Network Card, support RTL and PXE diskless boot;

High-Quality pure aluminum fanless case

Small size and light weight, the case with mounting racks, easy for installation.

Ideal solution for Digital signage, KIOSK, Advertising Machine, Self-service Terminal, Electronic Whiteboard, ATM, POS/Retail, Networking, Automation, Surveillance Parking Pay Station, Channel System and Medical Electronic etc.

## Specifications

Case Color	Black(color can be customized)	
Material	Aluminum Alloy	
CPU	Adopt Intel Baytrial J1900 quad core 2.0GHz (N3150 is optional)	
Chipset	Adopt Intel express chipset	
RAM	2G DDR3 (can up to 8G)	
Storage	1*MINISATA, 2*SATA	
Audio	Integrated Realtek ALC662 6sound channel, support MIC line-out	
Display Interface	1*VGA, 1*HD	
Display	Integrated Intel HD Graphic card 2500, support 1*VGA, 1*HD, 1*LVDS display input	
I/O	USB	5* USB 2.0 , 1USB3.0
	COM	2* RS232 COM
	Line In/Out	1
	WIFI Antenna	2
	MIC	1
	Audio	1
	GPIO	Optional
	LPT	Optional

Network Card	1*RTL8111E 1000M lan, support wake on lan
Expansion	2*mini-PCIE, support Wifi/3G module
Watch Dog Timer	Support
Power Supply	DC_12V, 12V 5A/7A power adapter
Operating System	Windows XP/7/8, Linux
BIOS	AMI 32M BIOS, ACPI supported
Working Temperature	-20°C - 60°C
Working Humidity	0% - 95% relative humidity, Non-condensing
Size	234*204*54 mm (W*D*H)
Weight	2.5kg

#### **Packing:**

Each pc for one neutral box, five neutral boxes for one carton.

#### **Applications**

Kiosks, Kiosk Terminals, Self Service / Self-automation Kiosks, Custom Kiosks, Touchscreen Kiosks, Interactive Digital Signage Displays, Custom Displays, Smart Mirrors, Parking Equipments / Systems/ Meters / Pay Stations / Payment Machines / Management Systems, EV Charging Piles, Automated Pay Stations, Access Entry / Exit / Pay Station, Outside Payment Terminals (OPT), Fuel / CNG Dispensers, Ticketing Machines, Vending Machines, ATMs / CDMs, Payment & Banking Systems / Kiosks, Gaming / Lottery/ Entertainment / Amusement Machines / Terminals & Casinos, Point-Of-Sale(POS) / ID / Security/ Access Control Terminals, Control Panels, All-on-one PCs, Medical Equipments, Point-of-Information & Transportation Kiosks, Industrial Automation, Industrial panel PCs

#### **Download**

\* TDD ([www.tddtouch.com](http://www.tddtouch.com), [sales@tddtouch.com](mailto:sales@tddtouch.com)) reserves the right to change specifications without prior notice.