

Features

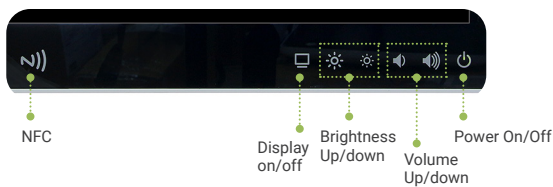
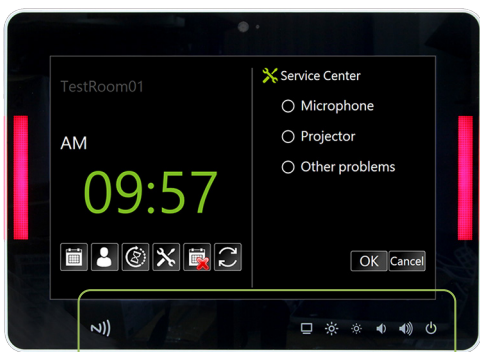
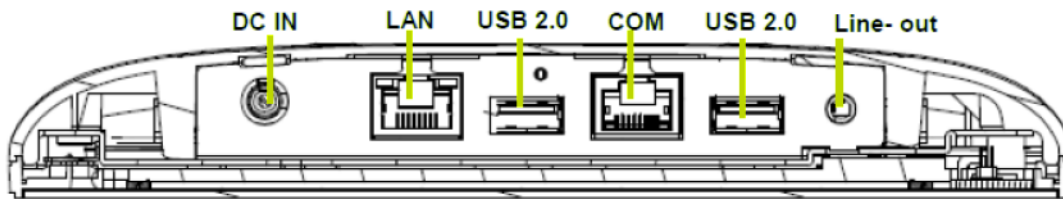
- Intel® Atom™ x5-Z8350 Processor: 2M Cache, up to 1.92 GHz
- 2GB / 4GB RAM, 32GB / 64G eMMC
- PCAP Touch
- 10/100/1000 Ethernet (PXE Boot)
- Touch button (Power/ Brightness/ Volume/ LED)
- RS232 or RS422 or RS485
- DC 12~24V Input or Powered LAN 802.3AT
- NFC Reader, A-MIC
- 2.0MP Camera
- Speak 4Ω 2.0W/2.5W(MAX)
- LED Indicating Light Bar (Light color: Green and Red, Illuminating area: 70*8mm (front), 70*5mm (side))
- 75 x 75mm VESA Mount
- Antibacterial Plastic



Specifications

System	
CPU	Intel® Atom™ x5-Z8350: 2M Cache, up to 1.92 GHz
System Memory	2GB / 4GB DDR3L RAM
Wireless Communication	802.11 b/g/n
Storage	32GB eMMC / 64GB eMMC
OS Information	Windows 10 IoT (64 bit) Android 5.1 (64 bit) Ubuntu 19.04 (64bit)
Panel	
LCD Size	10.1"
Resolution	1280x800
Luminance	350 cd/m2
Viewing angle	170° (H/V)
Touch Type	PCAP
Display	
Resolution	LVDS: Max. resolution 1280x800 @ 60Hz
Multiple Display	Windows support extended mode
Data Collection	
Camera	2M pixel
NFC	NFC Reader
Audio	
Speaker	2 x speaker (L & R)
Speaker Output	4Ω 2.0W/2.5W(MAX)
Ethernet	
Chipset	Realtek RTL8111H(S)-CG
LAN Port	1 x RJ45

I/O	
USB	2 x USB 2.0
Camera	2.0MP Camera
External I/O Connector	1 x RJ45 for RS232 or RS422 or RS485 2 x USB 2.0 Type A 1 x 10/100/1000 Ethernet 1 x 4-Pin 3.5mm Audio Jack
Internal I/O Connector	1 x Touch Button interface 1 x eDP & Dual channel 24bit LVDS 1 x I2C interface for PCAP 5 x USB interface for PCAP, Camera and others 1 x Micro USB2.0 client (reserved) 1 x Micro SD connector 2 x LED Bar interface 1 x A-MIC
Camera	2.0MP Camera
Power Requirement	
Power Requirement	DC Input, 12~24V
Power Type	DC Jack
Adapter	Input: 100~240 Vac/50~60 Hz Output: 60W Adapter (12V @ 5A Adapter)
Mechanical and Environment	
Operating Temp	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-10°C ~ 60°C (14°F ~ 140°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Weight	2.43 lbs/ 1.1 Kgs
Dimension	10.63" x 7.6" x 1.1" (270 x 193 x 28 mm)
Mounting	VESA 75x75mm
Certification	CE FCC Class B
Reliability	Vibration Test, Shock Test, Drop Test: please check information in the Manual



Ordering Info

VNS-10W01-32G-WN	10" Panel PC, Intel Atom Z8350 Processor 2GB DDR3L, 32GB eMMC, DC12~24V, Windows 10 IoT 2019
VNS-10W01-64G-WN	10" Panel PC, Intel Atom Z8350 Processor 4GB DDR3L, 64GB eMMC, DC12~24V, Windows 10 IoT 2019
VNS-10W01-32G-LX	10" Panel PC, Intel Atom Z8350 Processor 2GB DDR3L, 32GB eMMC, DC12~24V, Linux OS
VNS-10W01-32G-AN	10" Panel PC, Intel Atom Z8350 Processor 2GB DDR3L, 32GB eMMC, DC12~24V, Android 5.1 OS

* All product specifications and images are subject to change without notice. Last update: 2021/04/09



BCM Advanced Research

11 Chrysler, Irvine, CA 92618 USA
An industry leader in industrial motherboards & embedded computing

www.bcmcom.com

BCMSales@bcmcom.com
(949) 470-1888