



**VNS-15W01**  
15.6" Venus Panel PC



- > 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
- > Smart Card Reader
- > AMIC
- > 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))
- > LED reading light
- > 75 x 75mm VESA Mount
- > Plastic has Antibacterial
- > Optional Handset

+ Spec	
<b>-System Information-</b>	
<b>Processor</b>	Intel® Atom™ x5-Z8350: 2M Cache, up to 1.92 GHz
<b>Platform Controller Hub</b>	Intel x5-Z8350
<b>System Memory</b>	2GB / 4GB DDR3L RAM
<b>Storage</b>	
<b>Storage</b>	32GB eMMC / 64GB eMMC
<b>Panel</b>	
<b>LCD Size</b>	15.6"
<b>Resolution</b>	1920x1080
<b>Luminance</b>	220
<b>Viewing angle</b>	178°(H/V)
<b>Touch Type</b>	PCAP
<b>I/O</b>	
<b>External I/O Connector</b>	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
<b>Internal I/O Connector</b>	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 AMIC
<b>Camera</b>	2.0MP Camera
<b>Data Collection</b>	
<b>Camera</b>	2M pixel
<b>NFC</b>	NFC Reader
<b>Wireless Communication</b>	
<b>WLAN</b>	802.11 b/g/n
<b>Display</b>	
<b>Spec. &amp; Resolution</b>	LVDS: Max. resolution 1920x1280 @ 60Hz
<b>Multiple Display</b>	Windows support extended mode
<b>Audio</b>	
<b>Speaker Output</b>	4Ω 2.0W/2.5W(MAX)
<b>Certifications</b>	
<b>Certification Information</b>	CE, FCC Class B
<b>Ethernet</b>	
<b>LAN Chipset</b>	Realtek RTL8111H(S)-CG
<b>LAN Port</b>	1 x RJ45
<b>Power Requirement</b>	
<b>DC Input</b>	Input: 100~240 Vac/50~60 Hz Output: 60W Adapter (12V @ 5A Adapter)
<b>Mechanical &amp; Environmental</b>	
<b>Operating Temperature</b>	0°C ~ 40°C
<b>Storage Temperature</b>	-10°C ~ 60°C
<b>Operating Humidity</b>	40°C @ 95% Relative Humidity, Non-condensing
<b>Weight</b>	2.5 kg
<b>VESA</b>	75 x 75
<b>Dimensions(W x L x D)</b>	472.1 x 269 x 70.1 mm
<b>Power Requirement</b>	DC Input, 12~24V

[www.avalu.com.tw](http://www.avalu.com.tw)



<b>Power Mode</b>	DC jack or Powered LAN 802.3AT
<b>Software Support</b>	
<b>OS Information</b>	Windows 10 IoT (64 bit), Android 5.1 (64 bit), Linux (64bit)
<b>Ordering Information</b>	
<b>Ordering Information</b>	VNS-15W01-BV37C-1R_15.6" Intel Atom Z8350, 2GB RAM, 32GB eMMC, Ubuntu 19.04 VNS-15W01-BV38C-1R_15.6" Intel Atom Z8350, 2GB RAM, 32GB eMMC, 2016 Windows 10 IoT VNS-15W01-BV38C-3R_15.6" Intel Atom Z8350, 2GB RAM, 32GB eMMC, 2019 Windows 10 IoT VNS-15W01-BV39C-1R_15.6" Intel Atom Z8350, 2GB RAM, 32GB eMMC, Android 5.1 VNS-15W01-BW47C-1R_15.6" Intel Atom Z8350, 4GB RAM, 64GB eMMC, Ubuntu 19.04 VNS-15W01-BW48C-1R_15.6" Intel Atom Z8350, 4GB RAM, 64GB eMMC, 2016 Windows 10 IoT VNS-15W01-BW48C-3R_15.6" Intel Atom Z8350, 4GB RAM, 64GB eMMC, 2019 Windows 10 IoT VNS-15W01-BW48C-5R_15.6" Intel Atom Z8350, 4GB RAM, 64GB eMMC, 2019 Windows 10 IoT w/ Handset

[www.avalu.com.tw](http://www.avalu.com.tw)

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660