

AVZ-W12IB3S

Avza Tech panel PCs deliver exceptional computing performance, designed for use in harsh industrial environments.For the traditional industrial panel PC, Avza Tech Products offer NEMA 4/IP65-ratings on the front panel along with optional PCI/PCIe expansion slots, high brightness, wide temperature and DVD/CD drive.With the extensive range of display sizes and designs available, Avza Tech provides you with flawless products that are sturdy,expandable, and easy to manage to help you expand your business rapidly.

Specification

Display Characteristics	
Panel_Size	12.1"
Panel_Display Resolution	1280 x 800
Pixel Pitch(mm)	0.204 (H) x 0.204 (V)
Panel_Contrast Ratio	1000:1 (typ.)
Panel_Brightness	400 (typ.)
Panel_Viewing Angle	-88~88 (H); -88~88 (V)
Active Display Area	261.12 (H) x 163.2 (V)
Display Color	262.144 (6bits/color)
Touch(Optional)	4 Wire Resistive Touch
System Specification	
Processor	Intel® Bay Trail N2930 1.83GHz
BIOS	AMI 16Mbit Flash
hipset	Bay Trail SoC Chipset
Memory	1 x SODIMM, DDR3L 1066/1333 (default 4GB)
Wireless (Optional)	1x Mini PCI-E base Wireless LAN card with SMA antenna
Lan Controller	Dual Broadcom BCM57780 Ethernet
Storage	mSATA SSD (default 64GB)

Security Support	Trusted Platform Module (TPM 1.2)
I/O Connectors	
Back Panel I/O Port	1 x USB 3.0, 1 x USB 2.0 1 x HDMI 1 x RS-232 1 x RS-232/422/485 1 x DC-IN Terminal Block 1 x WLAN or 3G Antenna in TOP (optional)
In Fornt Control	
Control Button	Power On/ Off Reset Brightness Up (up to 100%) Brightness Down (dim to 0%)
Led indicator	Power On/ Off HDD StatusM
Mechanical and Environment	
Dimensions (W x L x H)	310 x 215 x 52.7 mm
Net Weight (kg) (with touch)	2.8
Power Input	9~36V DC in with Isolation(Phoenix type) Optional 6-60V DC in, with Ignition On/Off delay
Panel_Operating Temp	-10°C to +55°C
Operation Humidity	10% to 95% (non-condensing)
Shock*	Operating: 30g for 18ms, 300m/s²
Vibration*	Operating: 1.60/1.96/2.18 g rms for XYZ / 5-500Hz
Mechanical and Environment	* When use SSD or Industrial Compact Flash
Certifications	CE, FCC Class B, MIL-STD-810F/G / IEC60068-2-27
Product Option Items	
Sunlight Readable	Transflective film enhancement (Optional)
OS	WINDOWSEmbedded Standard 7 (64 bit), Windows Embedded 8.1 Industry Pro (64 bit), Windows 10 IoT Enterprise
Storage	Mini-PCIe SSD
Touch / Anti-reflective Glass	Infrared Touchscreen, 3mm Anti-reflective Protection GLASS
WLAN	Mini-PCIe base Wireless LAN card with SMA antenna