

AP-AW1S | Fanless Industry Panel PCs | IP65 | BITECH



Features:

- 6th Gen. Intel Core i5-6200U, Dual-Core
- IP65 front Panel bezel, 10-Points touchscreen
- Wide voltage: 9–36V DC input, Phoenix terminal, remote power on/off;
- Fanless, cable-less, jumper-less, and unibody aluminum alloy design with multi-mount (wall, side, VESA).
- Support **Windows 11 & Ubuntu**, Embedded software



SKU	AP-AW1S	
Product type	Industry PANEL PCs (Fanless, IP65 rated front bezel)	
Product color	Extruded Aluminum with Heavy Duty Metal	
Operating system	Windows 7/8/10/11 pro, Ubuntu	
PROCESSOR/RAM/STORAGE		
Processor Name	Intel® Skylake Core™ i5 6200U (up to 2.8 GHz with Intel® Turbo Boost Technology, 3MB L3 cache, 2 cores, 4 threads) ,TDP 15W	
BIOS	AMI BIOS	
Display Type	10.1" HD 1280*800 @ 60 Hz, 16: 10, Brightness: 400 nits	
Touchscreen	10-Points capacitive touchscreen, Surface handness: ≧ 6H (JIS-5400)	
Memory	On board 8 GB DDR4 2600MHz	
Storage	1x 2.5" SATA HDD/SSD or 1x Half-slim SSD (SATA3.0)	
	1x M.2 M-Key 2280 (PCIe_4X)	
Graphics		
Graphic card	Integrated Intel® HD Graphics 630	
Display	1x 24 bits LVDS (LVDS/eDP one of them options)	
	1x HDMI 2.1 / 1x VGA	
CONNECTIVITY AND COMMUNICATIONS		
Network interface	Intergrated 2x LAN 10/100/1000	
4G/5G	1x M.2 B-Key (PCIe+USB3.0, 4G/5G Module), 1x Slim slot	
Wireless	1x M.2 E-Key (PCIe_1X, Wifi module)	
INTERFACE		
I/O ports	USB	4x USB2.0, Type A
	Display	1x HDMI 2.1, 4K@60Hz
		1x VGA
	COM	1x RS232, 1x RS485
	LAN	2x LAN 10/100/1000
	Audio	1x 3.5mm Combo audio jack
Power		
	1x DC 9-36 v, Ø5.5x 2.5 mm	

Power input	1x Phonex termial
	1x Remote Power On/Off, 2-pin Terminal Block
Environment	
Operation Temperature	• -10°C to +60°C * PassMark BurnInTest: 100% CPU, 2D/3D Graphics (without thermal throttling) * With extended temperature peripherals; Ambient with air flow * According to IE61000-3-2, IE61000-3-3
Storage Temerature	-20°C to +70°C
Relatiove Humidity	• 95% RH @ 70°C (Non-condensing)
Shock	15G, 11ms
Vibration	5 - 500 Hz/1 Grms
EMC	• CE, UKCA, FCC, ICES-003 Class A • EN61000-6-4, EN61000-6-2 (24VDC Input Only)
EMI	• CISPR 32 Conducted & Radiated: Class A • EN/BS EN 55032 Conducted & Radiated: Class A • EN/BS EN IEC 61000-3-2 Harmonic current emissions: Class A • EN/BS EN61000-3-3 Voltage fluctuations & flicker • FCC 47 CFR Part 15B, ICES-003 Conducted & Radiated: Class A
EMS	• EN/IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV • EN/IEC 61000-4-3 RS: 80 MHz to 1000 MHz: 10 V/m • EN/IEC 61000-4-4 EFT: AC Power: 2 kV; DC Power: 1 kV; Signal: 1 kV • EN/IEC 61000-4-5 Surges: AC Power: 2 kV; Signal: 1 kV • EN/IEC 61000-4-6 CS: 10V
	(**Compliant with the standard when utilizing shielded ethernet cable.)
	• EN/IEC 61000-4-8 PFMF: 50 Hz, 30A/m
	• EN/IEC 61000-4-11 Voltage Dips & Voltage Interruptions: 1 cycles at 60 Hz
Dimensions And Weight	
Dimensions (W x D x H)	210x 150x 70 mm
Weight	1.8 kg
Mounting	• Wall / VESA Mount /Open frame
Physical Design	• Fanless Design • Cableless Design • Jumper-less Design • Unibody Design