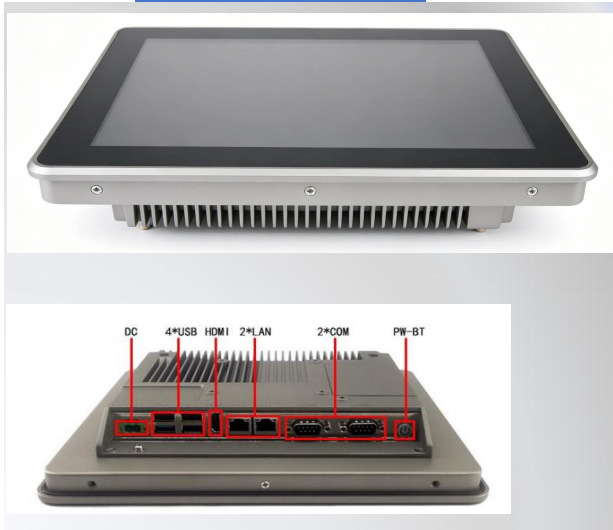


AP-AW1G | 10.4" Fanless IP65 Industrial HMI Panel PC (5-Wire Resistive Touch)



Features:

- CPU: 6th,-12th,.Core i3/i5/i7
- IP65 front Panel bezel, 5-Points resistant 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-AW1G
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® Core i3/i5/i7 6th,-12th,.
BIOS	AMI BIOS
Display Type	10.4" HD 1024*768 @ 60 Hz, MTBF: 5000 hours, Brightness: 400 nits
Touchscreen	Touch Technology: 5-wire resistive • Response Time: ≤ 15 ms • Linearity Error: ≤ 1.5% • Touch Life: ≥ 10,000,000 activations
Memory	On board 8 GB DDR4 2600MHz
Storage	1x 2.5" SATA HDD/SSD or 1x Half-slim SSD (SATA3.0)
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 Mbps
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 1x USB3.0, Type A; 3x USB2.0, Type A
	Display 1x HDMI 2.1, 4K@60Hz
	COM 1x RS232, 1x RS485
	LAN 2x LAN 10/100/1000
	Audio 1x 3.5mm Combo audio jack
Power	1x DC 9-36 v, 5.5x 2.5 mm

Power input	1x Phonex termial
	1x Remote Power On/Off, 2-pin Terminal Block
Environment	
Operation Temperature	• -20°C to +65°C (-4°F~149°F) * 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	-40°C to +80°C (-40°F~176°F)
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)	269.5x 216.7x 48.4 mm
Weight	1.8 kg
Mounting	• Wall / VESA Mount /Open frame
Physical Design	• Fanless Design • Cableless Design • Jumper-less Design ,
Enclosure:	• High-strength aluminum alloy

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BITECH provides scalable hardware platform solutions with optional SDK and OS customization for fast system integration