



10.1" WXGA Fanless HMI Barebone with Intel 11th Gen. Core i3-1115G4E, 2x DDR4 slot, 1x M.2 2280 SATA slot, 1x M.2 E key slot, Projected Capacitive Touch, 9~36VDC input with Adapter, Aluminum Chassis.

RAM: 8GB DDR4 3200 SO-DIMM

Storage: M.2/128G/3D TLC/SATA3/2280/B Key/-20~75 DEGREE

1x COM RS-232, 2x USB2.0, 1x Power Button comes with a 60W power adapter, as its power consumption is around 50W.

MODEL: APCW1010-PCAP-V2

FEATURES:

- 10.1" Industrial Compact Size Panel PC
- 11th Gen. Intel Core i3 Processor
- RAM: 8GB DDR4 3200 SO-DIMM
- Storage: M.2/128G/3D TLC/SATA3/2280/B Key/-20~75 DEGREE
- Flat Front Panel Touch Screen with IP66 Front Bezel
- Fanless Design
- DC 9~36V Wide-Ranging Power Input
- Support Expansion via Full-size Mini-PCle and M.2 slots
- Support TPM 2.0 hardware security
- 1x COM RS-232, 2x USB2.0, 1x Power Button comes with a 60W power adapter, as its power consumption is around 50W.



SPECIFICATION:

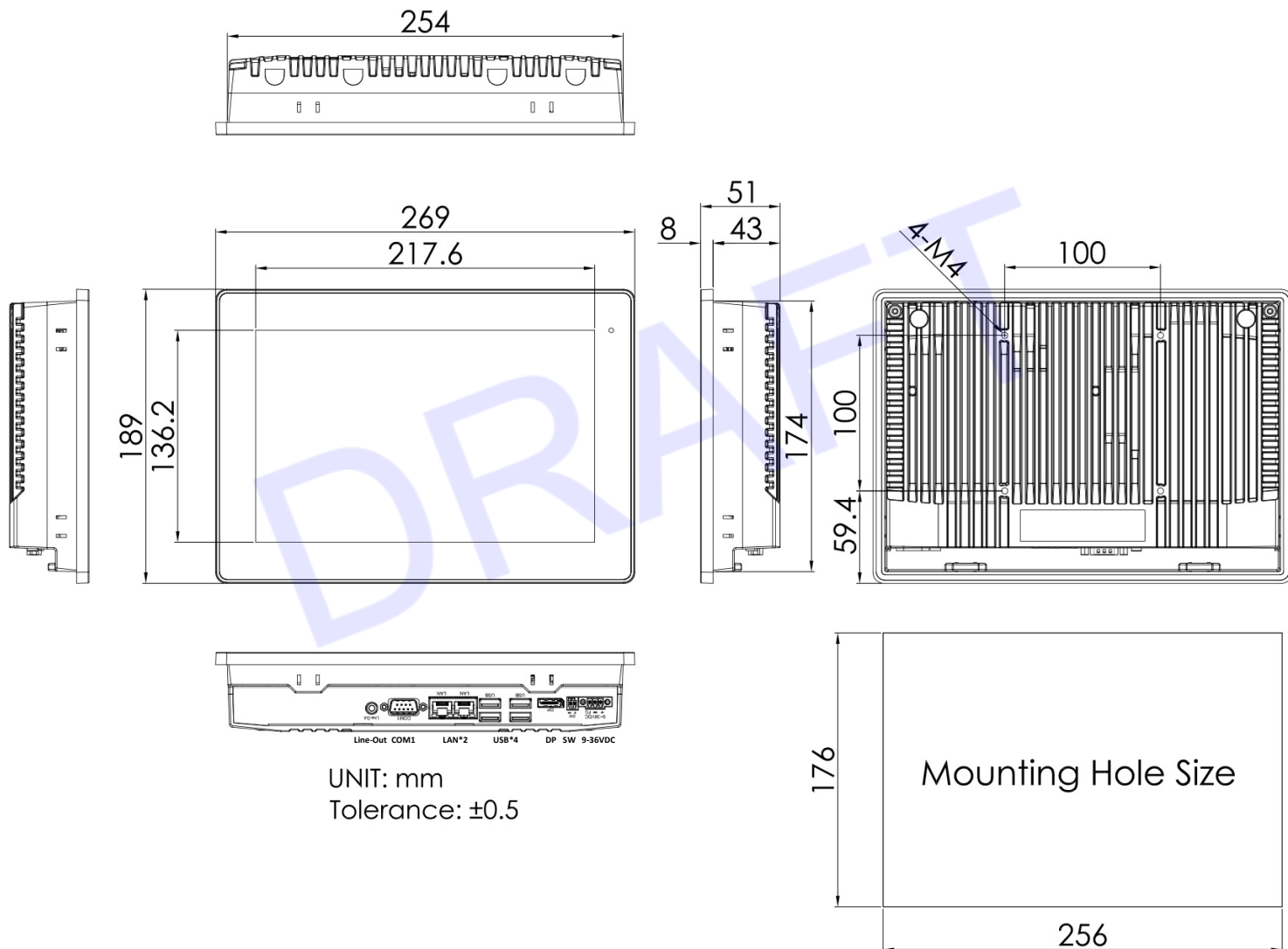
System	
CPU	11th Gen. Intel Core i3-1115G4E (Dual Core, 6 MB cache, 2.20 GHz)
System Chipset	SoC
Memory	8GB DDR4 3200 SO-DIMM
I/O Port	
USB	4 x USB 3.0 type A
Serial	1 x DB-9 connector, including: * 1 x RS-232(RTS, Rx, Tx, CTS), pin1 RTS/5V/12V selectable via jumper (COM1) * 1 x RS-232(Tx, Rx)/422/485(COM2) by Y Cable
Audio	1 x Line-out
LAN	1 x 1GbE, 1 x 2.5GbE LAN RJ-45
DP	1 x DP / HDMI
Power	1 x 3-pin Terminal Block Connector 1 x 2-pin Power Switch Connector
Option	4G LTE Wi-Fi + Bluetooth 4 x USB 2.0 type A (TB-528U4) 4 x USB 2.0 type A + 1 x Mini-PCle + 1 x SIM slot (TB-528U4ME1) 1 x COM (RS-232) + 2 x USB 2.0 (TB-528C1U2) 1 x COM (RS-232) + 2 x USB 2.0 + 1 x Power Button (TB-528C1U2P1) 2 x COM (RS-232) (TB-528C2) 2 x COM (RS-232) + 1 x Mini-PCle slot + 1 x SIM slot (TB-528C2ME1) 2 x COM (RS-422/485, isolated) (TB-528C2I) 2 x CAN (TB-528CAN2) 1 x LAN + 2 x USB 2.0 (TB-528E1U2) 1 x LAN(45W isolated PoE PD) + 2 x USB 2.0 type A (TB528E1U2UPOE)* 1 x Backup Battery (TB-528 Series or backup battery only be inserted in either one) Either high brightness panel or backup battery can be installed in HMI
Storage Space	
Storage	M.2/128G/3D TLC/SATA3/2280/B Key/-20~75 DEGREE
Expansion	
Onboard Expansion Bus	1 x Mini-PCle slot (full size) 1 x M.2 E-key for Wi-Fi/Bluetooth Module 1 x Nano SIM slot
Display	
Display Type	Standard
Max. Resolution	1280 x 800
Max. Color	16.7M
Luminance (cd/m ²)	350
View Angle	170(H)/170(V)
Contrast	800:1
Backlight Lifetime	30,000 hrs

Touch Screen	
Type	Projected Capacitive Touch
Interface	USB
Light Transmission(%)	90%
Power	
Power Input	DC 9~36V
Power Consumption	50W
Mechanical	
Construction	Aluminum Die-casting Chassis
Mounting	Panel Mount, VESA 100 x 100
Dimensions (WxHxD)	269 x 189 x 51 mm
IP Rating	IP66 Compliant Front Bezel
Net Weight	1.87 kg
Environmental	
Operating Temperature	0~50°C
Storage Temperature	-30~70°C
Humidity	10 to 95%@ 40°C, non-condensing
Certificate	CE/FCC Class A/UL
Operating Support	
Windows 10 IoT, Windows 11 IoT	

**Specifications subject to change without notice, not responsible for typographical errors.*

DIMENSION:

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



Drawing No.: APCW1010-PCAP-V2-10302025-V1