



21.5" FHD Fanless HMI Barebone with Intel 6th Gen. Core i3-6100U CPU, 1xDDR4 Slot, Projected Capacitive Touch, 9~36VDC Input with Adapter, Aluminum Chassis  
**4GB DDR4 2133/2400/2666/3200 SO-DIMM**  
**TS64GSSD452K 64GB 2.5" SSD452K, SATA3, 3D TLC, Aluminum case**  
**Windows 10 IoT Enterprise 2021 LTSC Value PKEA**  
**Certificate CE/FCC Class A/CB/UL**

## MODEL: APCW2150UL-i3-V2

### FEATURES:

- 21.5" Industrial Compact Size Panel PC
- Intel 6th Gen. Core i3(standard) CPU Built-in
- 1 x 260Pin SO-DIMM DDR4 up to 16GB 2133MHz
- Flat Front Panel Touch Screen
- Fanless Design
- DC 9~36V Wide-Ranging Power Input
- Projected Capacitive Touch Screen Support 7H Anti-Scratch Surface
- High Brightness 1,000 nits for Option



### SPECIFICATION:

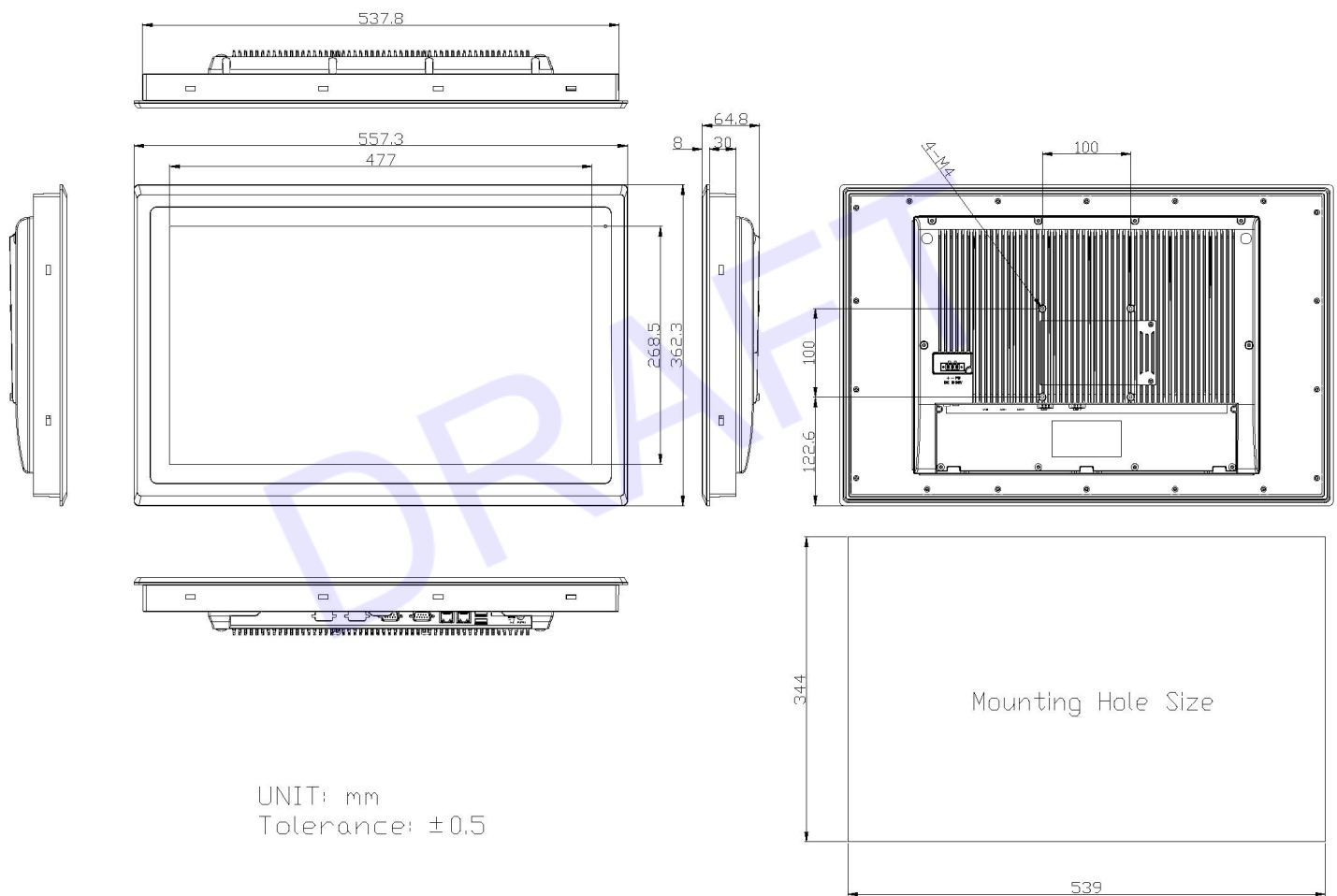
SYSTEM		
CPU	Onboard 6th Gen. Intel Core i3/i5(option) Processors	
System Chipset	SoC	
Memory	1 x 260Pin SO-DIMM DDR4 up to 16GB 2133MHz	
USB	2 x USB 3.0 type A	
Serial / Parallel	1 x DB-9 RS-232/422/485, COM1 (Default RS-232) 1 x RS-232 DB-9, COM2	
Audio	1 x Audio Line Out	
LAN	2 x GbE LAN RJ-45	
Power	1 x 3-pin DC power input terminal 1 x 2-pin connector for power on/off	
Options	VESA Stand 4G LTE/Wi-Fi/BT 4 x USB 2.0 type A (TB-528U4) 4 x USB 2.0 type A + 1 x Mini PCIe + 1 SIM slot (TB-528U4ME1) 1 x COM + 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 PCIe slot + 1 x SIM slot (TB-528C2ME1) 2 x COM (RS-232/485, isolated) (TB-528C2I) 2 x CAN (TB-528CAN2) 1 x LAN + 2 x USB 2.0 (TB-528E1U2) UPS Battery 21W/10.8W/1.95Ah (3S1P)	
STORAGE SPACE		
HDD	1 x 2.5" SATA HDD bay for SATA HDD (Easy Accessible)	
EXPANSION		
Expansion Slot	1 x Internal Mini-PCIe slot full size	
DISPLAY		
	<b>Standard</b>	<b>High Brightness Optional</b>
Display Type	21.5" TFT-LCD	21.5" TFT-LCD
Max. Resolution	1920 x 1080	1920 x 1080
Max. Color	16.7M	16.7M
Luminance (cd/m <sup>2</sup> )	250	1000
View Angle	178(H) / 178(V)	178(H) / 178(V)
Contrast	3000:1	3000:1
Backlight Lifetime	30,000 hrs	50,000 hrs
TOUCHSCREEN		
Type	Projected Capacitive Touch	
Interface	USB	
Light Transmission(%)	Resistive Touch Window: over 90%	
POWER		
Power Input	DC 9~36V	
Power Consumption	54W	

MECHANICAL	
Color	RAL 9007
Construction	Aluminum die-casting chassis
Mounting	Panel Mount, VESA 100 x 100
Dimensions (WxHxD)	557.3 x 362 x 64.8 mm
IP Rating	IP66 Compliant Front Bezel
Net Weight	7.5 kg
ENVIRONMENTAL	
Operating Temperature	0~50°C
Storage Temperature	-30~70°C
Storage Humidity	10 to 90%@ 40°C, non-condensing
Certificate	CE/FCC Class A/CB/UL
OPERATING SYSTEM SUPPORT	
Windows 10 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.: APCW2150UL-i3-V2-10172023-V1