

Features

- 21.5" Industrial Compact Size Panel PC
- Intel 6th Gen. Core i3(standard) / i5(option) 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
- Optional Projected Capacitive Touch Screen Support 7H Anti-Scratch Surface
- High Brightness 1,000 nits for Option

Specifications

System	
CPU	Onboard Intel 6th Gen. Core i3 CPU Processors/ i5(option)
System Chipset	SoC
Memory	1 x 260Pin SO-DIMM DDR4 up to 16GB 2133MHz
I/O Port	
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 Power Switch
Option	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 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 Mini PCIe + 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/10.8Wh/1.95Ah(3S1P)

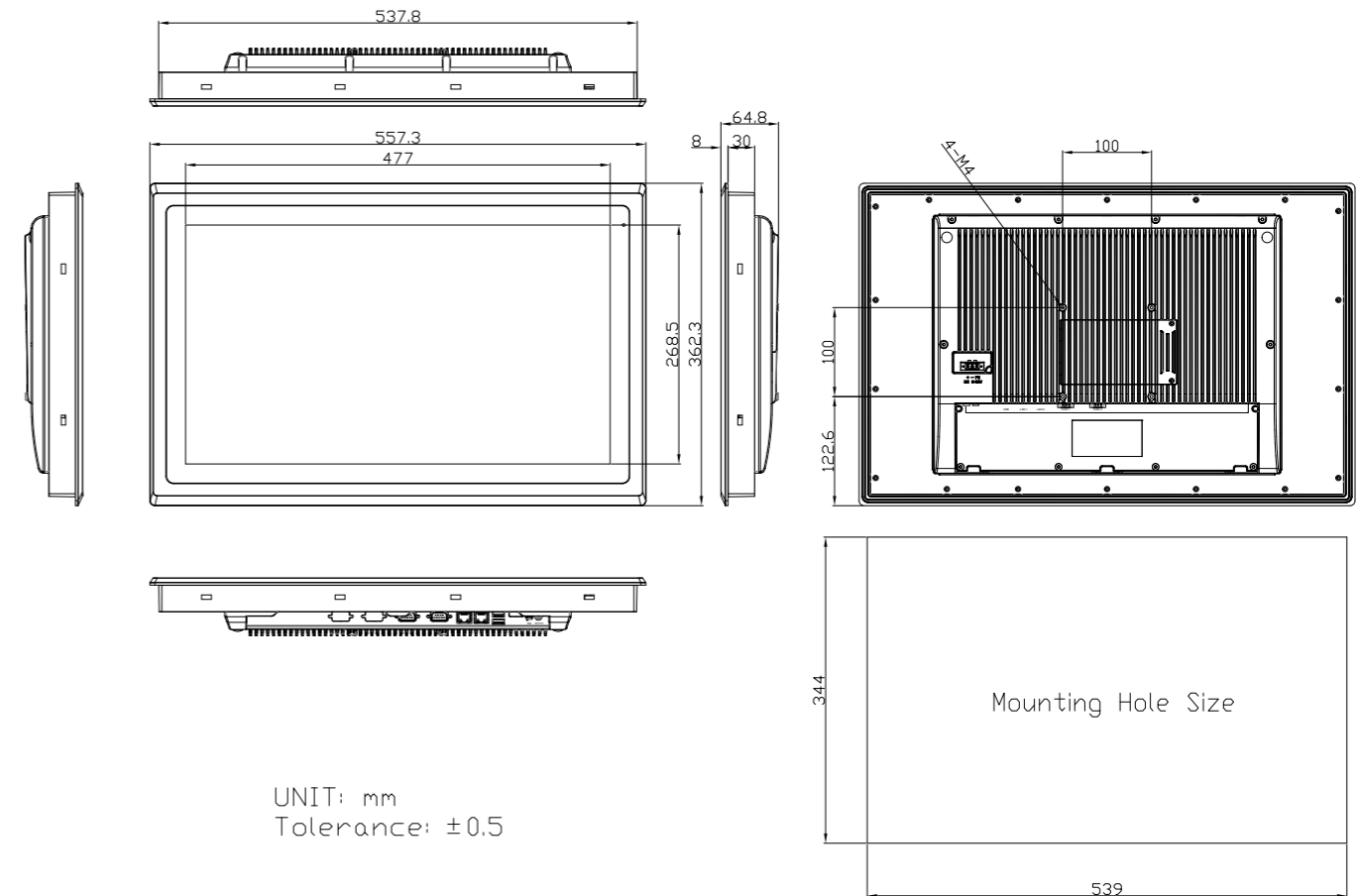
Storage Space	
HDD	1 x 2.5" SATA HDD bay for SATA3 HDD (Easy Accessible)

Expansion	
Expansion Slot	1 x Internal Mini-PCIe slot full size

Display	Standard	High Brightness Optional
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 ²)	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
Option	Optical bonding	Optical bonding

Touch Screen	Resistive Touch	Projected Capacitive Touch
Interface	USB	USB
Light Transmission(%)	Over 80%	Over 90%

Dimensions



Power	
Power Input	DC 9~36V
Power Consumption	ARCHMI-921AP: 53W (MAX)

Mechanical	
Color	RAL 9007
Construction	Aluminum die-casting chassis
Mounting	Panel Mount, VESA 100 x 100
Dimensions (WxHxD)	557.3mm x 362.3mm x 64.8mm
IP Rating	Front Panel IP66
Net Weight	7.5 kg

Environmental	
Operating Temperature	0~50°C 0~40°C (For High Brightness Model)
Storage Temperature	-30~70°C
Humidity	10 to 95% @ 40°C, non- condensing
Certificate	CE / FCC, Class A

Operating System Support	
Windows embedded 7 / Windows embedded 8.1 / Windows 10 IoT Enterprise	

Ordering Information	
ARCHMI-921A-01	21.5" FHD Fanless HMI barebone with Intel Core i3 CPU, 4GB DDR4 RAM, Resistive touch screen, 9~36V DC input with adapter, Aluminum chassis
ARCHMI-921AP-01	21.5" FHD Fanless HMI barebone with Intel Core i3 CPU, 4GB DDR4 RAM, Projected Capacitive touch screen, 9~36V DC input with adapter, Aluminum chassis

