

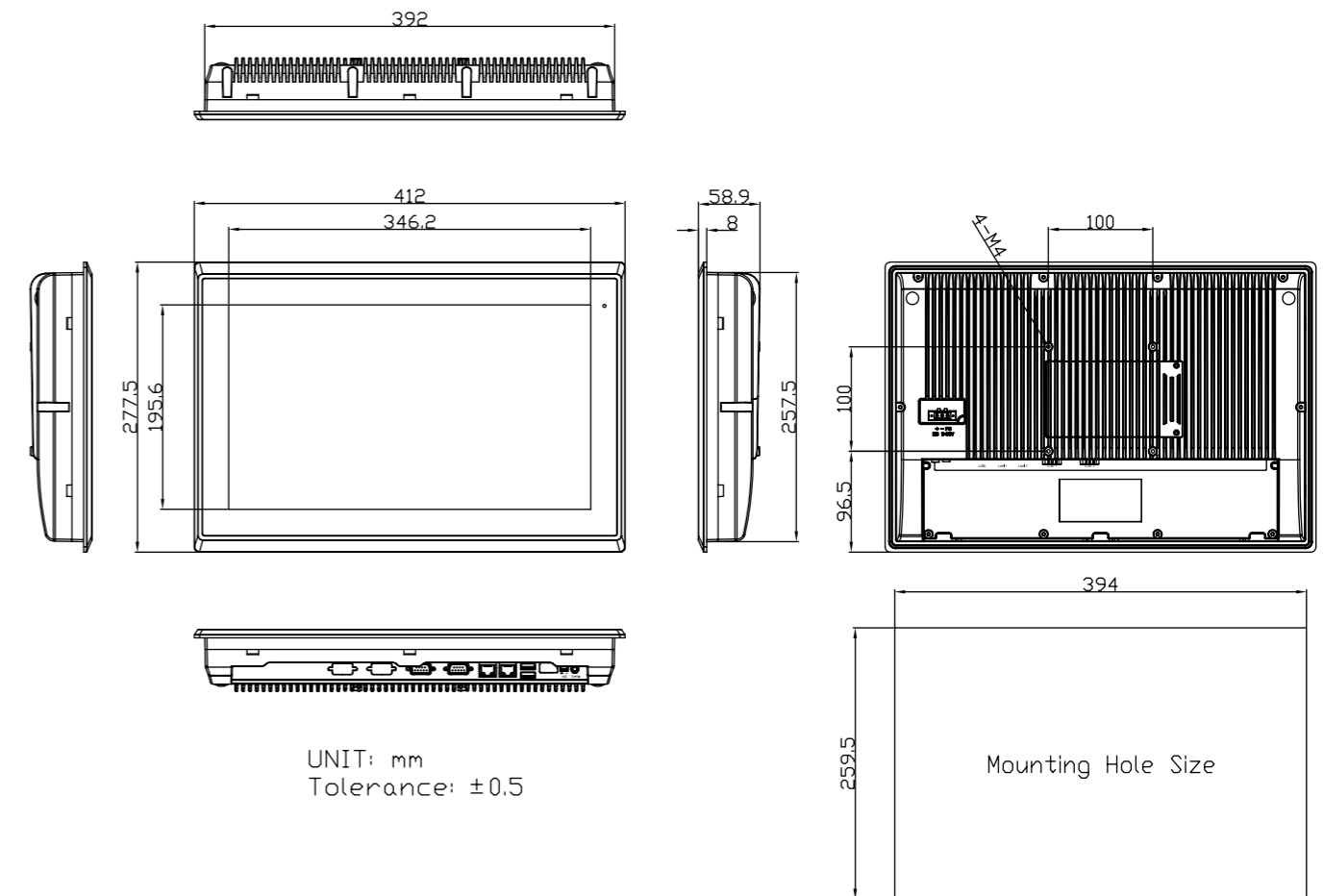
Features

- 15.6" 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 6th Gen. Intel Core i3/i5(option) Processors	
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 connector for power on/off	
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 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) 1 x LAN + 2 x USB 2.0, 45W PoE (TB-528E1U2UPOE)* UPS Battery 21W/10.8Wh/1.95Ah (3S1P) System is only allowed to build in either TB-528 PoE series or UPS battery	
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		
Display Type	Standard	High Brightness Optional
Display Type	15.6" TFT LCD	15.6" TFT LCD
Max. Resolution	1366 x 768 1920 x 1080	1366 x 768 1920 x 1080
Max. Color	16.7M / 16.2M	16.7M / 16.2M
Luminance (cd/m ²)	400 / 450	1000
View Angle	170(H) / 160(V) 170(H) / 170(V)	170(H) / 170(V)
Contrast	500:1	500:1
Backlight Lifetime	50,000 hrs	50,000 hrs
Touch Screen		
Type	Resistive Touch (for AR Model) Projected Capacitive Touch (for AP Model)	
Interface	USB	
Light Transmission(%)	Resistive Touch: over 80% Projected Capacitive Touch: over 90%	

Dimensions



Power	
Power Input	DC 9~36V
Power Consumption	ARCHMI-916AP: 45W (MAX)
Mechanical	
Color	RAL 9007
Construction	Aluminum die-casting chassis
Mounting	Panel Mount, VESA 100 x 100
Dimensions (WxHxD)	412 x 277.5 x 58.9 mm
IP Rating	IP66 Compliant Front Bezel
Net Weight	4.5 kg
Environmental	
Operating Temperature	0~50°C / -20~60°C (option)
Storage Temperature	-30~70°C
Humidity	10 to 90% @ 40°C, non-condensing
Certificate	CE / FCC, Class A / UL
Operating System Support	
Windows 10 IoT	
Ordering Information	
ARCHMI-916AR	15.6" WXGA fanless HMI barebone with Intel 6th Gen. Core i3-6100 CPU, 1 x SO-DIMM(260pins), Up to 16GB DDR4 2133MHz, Resistive touch screen, 9~36VDC input with adapter, Aluminum chassis
ARCHMI-916AP	15.6" WXGA fanless HMI barebone with Intel 6th Gen. Core i3-6100 CPU, 1 x SO-DIMM(260pins), Up to 16GB DDR4 2133MHz, Projected Capacitive touch screen, 9~36VDC input with adapter, Aluminum chassis

*PoE limitation: CPU turbo off, rear I/O no loading, 70% LED backlight, PSE cable length < 50m