

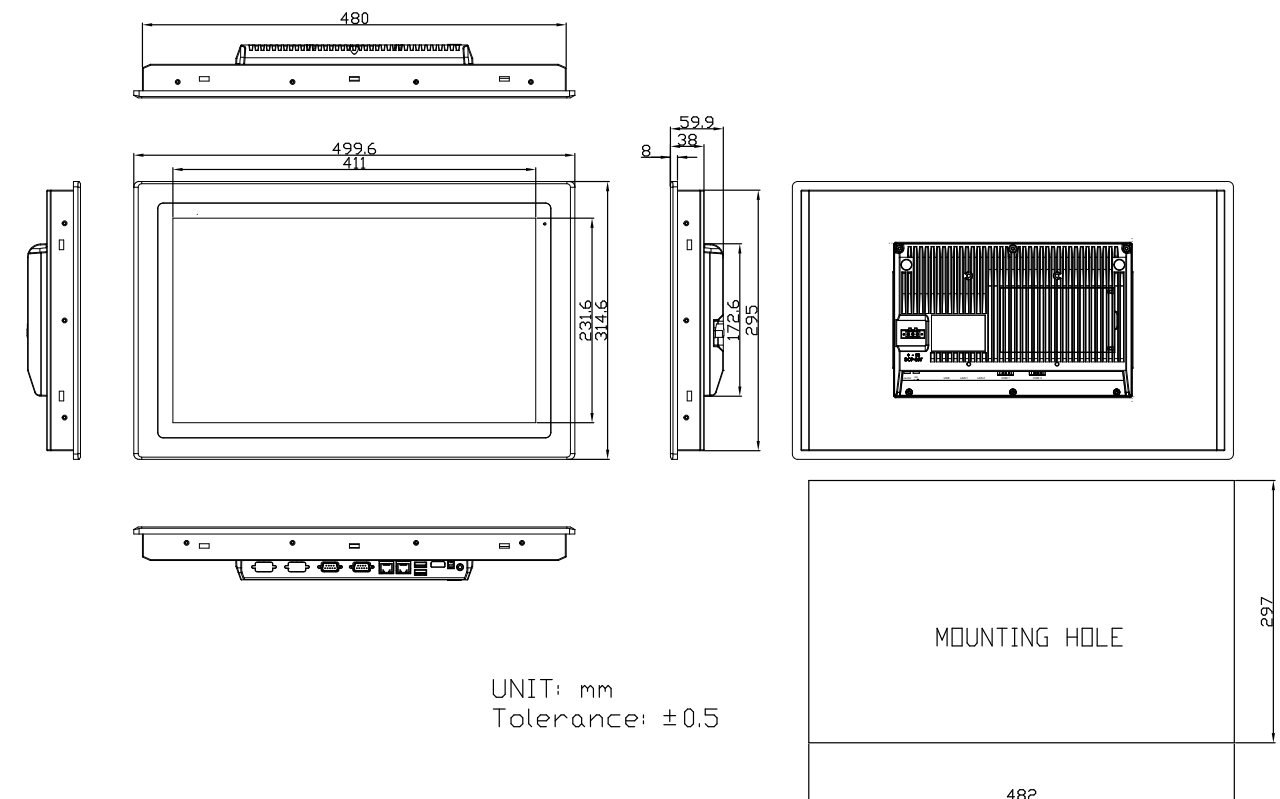
Features

- 18.5" Industrial Compact Size Panel PC
- Intel Celeron N2930(1.83GHz) CPU built-in / Atom E3845(1.91GHz) for option
- Onboard 4GB DDR3L 1333MHz/8GB(option)
- Flat Front Panel Touch Screen and Fanless Design
- DC 9~36V Wide-Ranging Power Input
- IP66 Compliant Front Panel
- Optional Projected Capacitive Touch Screen Support 7H Anti-Scratch Surface
- High Brightness 1,000 nits for Option

Specifications

System		
CPU	Onboard Intel Celeron N2930(1.83GHz) Onboard Intel Atom E3845(1.91GHz) for option	
System Chipset	SoC	
Memory	Onboard 4GB DDR3L 1333MHz/8GB(option)	
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 button	
Option	2 x RS-232 DB-9 + 1 x Mini-PCle slot via TB-528C2ME1 2 x CAN bus via TB-528CAN2 2 x USB 2.0 type A Via TB-528U2 2 x USB 2.0 type A + 1 x Mini-PCle slot + 1 x RS-232 DB-9 + 1 x Power button via TB-528C1U2P1 UPS Battery 21W/10.8W/1.95Ah(3S1P) UPS Battery and TB-528 expansion board can't be used in the same time	
Storage Space		
HDD	1 x 2.5" SATA3 HDD bay for SATA HDD (Easy Accessible)	
Movable Device	1 x SD card slot, up to 32GB	
Expansion		
Expansion Slot	1 x Internal Mini-PCle slot full size	
Dispalay	Standard	High Brightness Optional
Display Type	18.5" TFT-LCD	18.5" TFT-LCD
Max. Resolution	1366 x 768	1366 x 768
Max. Color	16.7M	16.7M
Luminance (cd/m ²)	350	1000
View Angle	170(H) / 160(V)	170(H) / 160(V)
Contrast	1000:1	1000:1
Backlight Lifetime	50,000 hrs	50,000 hrs
Touch Screen		
Type	Resistive Touch Window Projected Capacitive Touch (For P Model)	
Interface	USB	
Light Transmission(%)	Resistive Touch Window: over 80% Projected Capacitive Touch: over 90%	
Power		
Power Input	DC 9~36V	
Power Consumption	ARCHMI-818P: 39W	

Dimensions



Mechanical	
Color	RAL 9007
Construction	Aluminum Die-casting Chassis
Mounting	Panel Mount, VESA 100 x 100
Dimensions (WxHxD)	499.6mm x 314.6mm x 59.9mm
IP Rating	IP66 Compliant Front Bezel
Net Weight	6 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 7, WEC 7, Windows 8.1, Windows 10	
Ordering Information	
ARCHMI-818-01	18.5" WXGA Fanless HMI barebone with Intel Celeron N2930 1.83GHz CPU, 4GB DDR3L RAM, Resistive touch screen, DC 9~36V input with adapter, Aluminum chassis
ARCHMI-818P-01	18.5" WXGA Fanless HMI barebone with Intel Celeron N2930 1.83GHz CPU, 4GB DDR3L RAM, Projected capacitive touch screen, DC 9~36V input with adapter, Aluminum chassis
ARCHMI-818H-01	18.5" WXGA Fanless HMI barebone with Intel Celeron N2930 1.83GHz CPU, 4GB DDR3L RAM, Resistive touch screen, DC 9~36V input with adapter, Aluminum chassis, High brightness 1,000nits LCD
ARCHMI-818PH-01	18.5" WXGA Fanless HMI barebone with Intel Celeron N2930 1.83GHz CPU, 4GB DDR3L RAM, Projected capacitive touch screen, DC 9~36V input with adapter, Aluminum chassis, High brightness 1,000nits LCD