



DATASOUND - LABORATORIES -

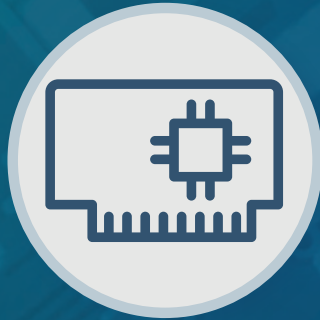
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E M B E D D I N G T H E F U T U R E



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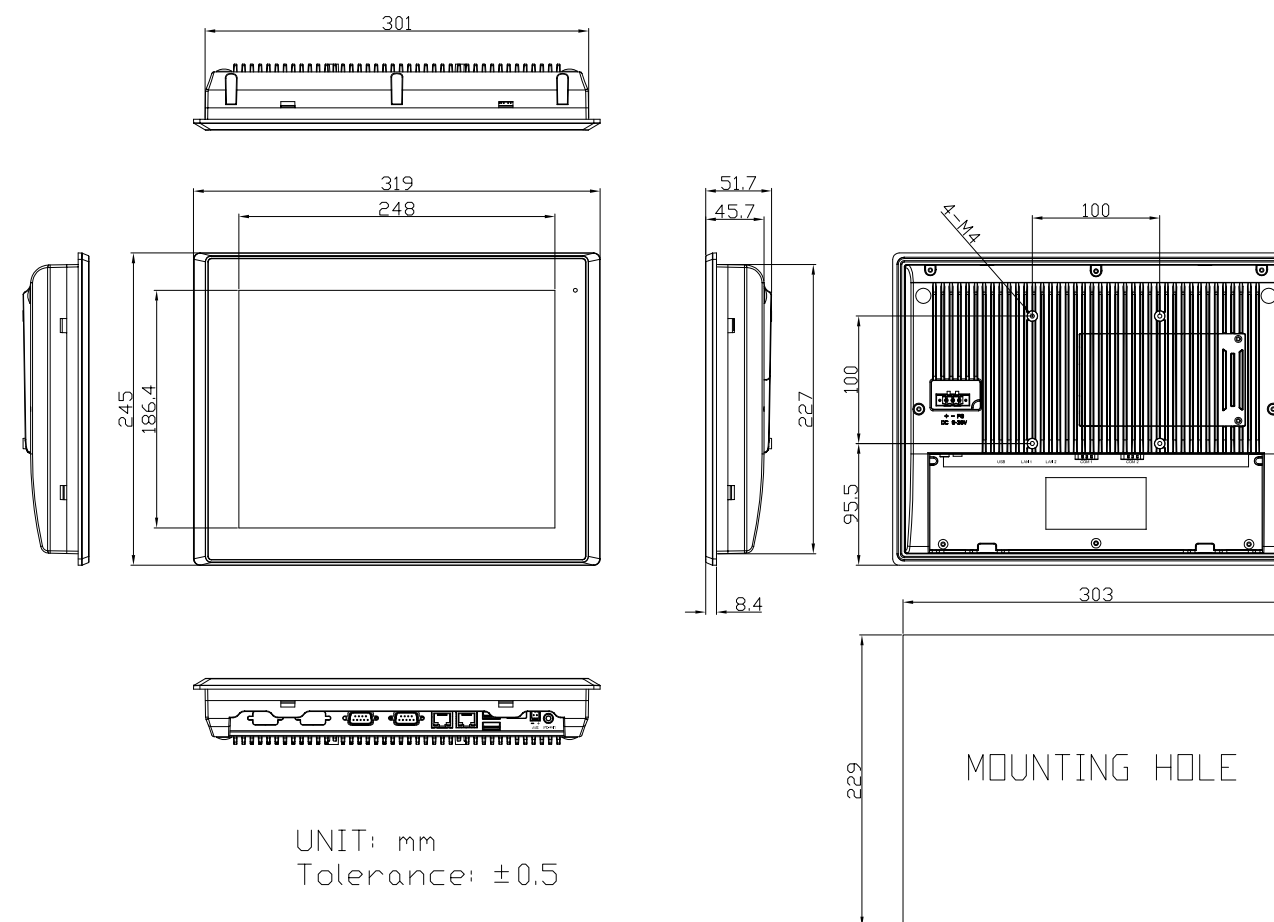
Features

- 12.1" Industrial Compact Size Panel PC
- Intel Apollo Lake N4200/N3350
- On Board 4G/8G DDR3L 1866MHz
- Flat front panel touch screen
- IP66 compliant front panel
- Optional projected capacitive touchscreen support 7H anti-scratch surface
- DC 9~36V wide-ranging power input
- High Brightness 1,000 nits for option

Specifications

System		
CPU	Onboard Intel Apollo Lake N4200 (4 Core, 1.1GHz) / N3350 (2 Core, 1.1GHz)	
System Chipset	SoC	
Memory	On Board 4G/8G DDR3L 1866MHz	
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-PCIe slot via TB-528C2ME1 2 x CAN bus via TB-528CAN2 2 x USB 2.0 type A + 1 x Mini-PCIe slot + 1xRS-232 DB-9 via TB-528C1U2P1 4 x USB 2.0 type A via TB-528U4 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" SATA HDD bay for SATA3 HDD (Easy Accessible)	
Expansion		
Expansion Slot	1 x Internal Mini-PCIe slot full size 1 x SIM card holder / Micro SD card reader	
Display		
	Standard	High Brightness Optional
Display Type	12.1" TFT-LCD	
Max. Resolution	800 x 600	1024 x 768
Max. Color	16.2M	16.2M
Luminance (cd/m ²)	450	1000
View Angle	178(H)/178(V)	160(H)/140(V)
Contrast	1500:1	700:1
Backlight Lifetime	50,000 hrs	30,000 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%	

Dimensions



Power	
Power Input	DC 9~36V
Power Consumption	ARCHMI-812AP: TBD
Mechanical	
Color	RAL 9007
Construction	Aluminum die-casting chassis
Mounting	Panel Mount, VESA 100 x 100
Dimensions (WxHxD)	319mm x 245mm x 51.7mm
IP Rating	IP66 Compliant Front Bezel
Net Weight	TBD

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

