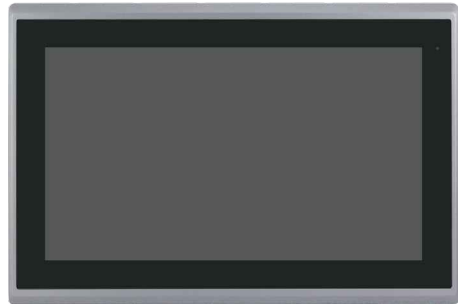


ARCHMI-916AP



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 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 | 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 2 x USB 2.0 type A Via TB-528U2 UPS battery 21W/10.8V/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 |
|----------------|---------------------------------------|

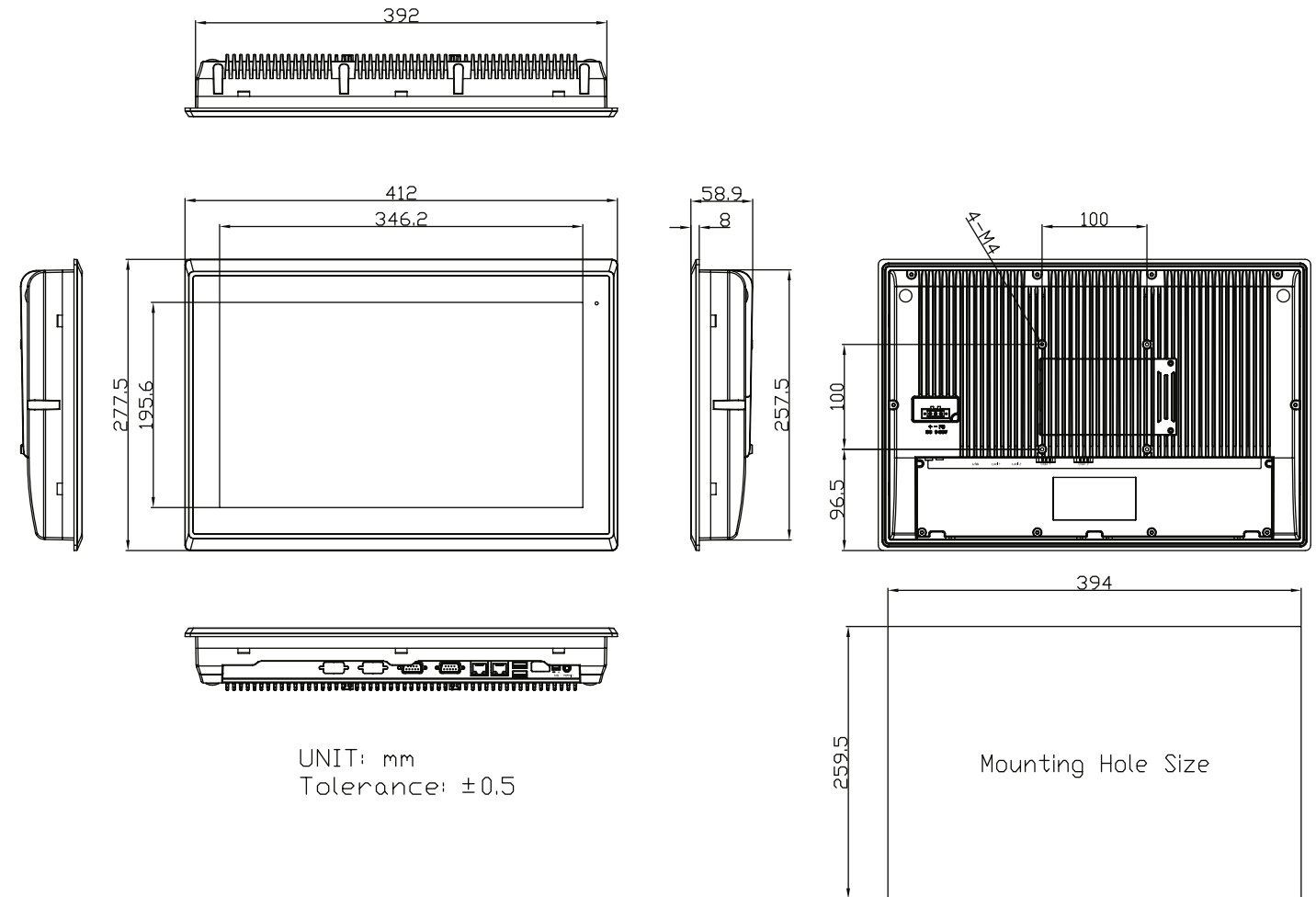
| Display | Standard | High Brightness Optional |
|--------------------------------|-----------------|--------------------------|
| Display Type | 15.6" TFT LCD | 15.6" TFT LCD |
| Max. Resolution | 1366 x 768 | 1366 x 768 |
| Max. Color | 16.7M | 16.7M |
| Luminance (cd/m ²) | 300 | 1000 |
| View Angle | 160(H) / 160(V) | 160(H) / 160(V) |
| Contrast | 500:1 | 500:1 |
| Backlight Lifetime | 50,000 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% |

Power

| | |
|-------------------|-------------|
| Power Input | DC 9~36V |
| Power Consumption | MAX: 44.06W |

Dimensions



Mechanical

| | |
|--------------------|---------------------------|
| Front Bezel | Flat Bezel design |
| Front Bezel Metal | Aluminum / Panel Mounting |
| Rear Panel Metal | Aluminum / VESA 100 x 100 |
| Dimensions (WxHxD) | 412mm x 277.5mm x 58.9mm |
| IP Rating | Front Panel IP66 |
| Net Weight | TBD |

Environmental

| | |
|-----------------------|---------------------------------|
| Operating Temperature | 0~50°C, -20~60°C (option) |
| Storage Temperature | -20~60°C |
| Storage Humidity | 10 to 90%@ 40°C, non-condensing |
| Certificate | Meet CE / FCC, Class A |

Operating System Support

Windows® 7 64 bit / Windows® 8 64 bit / Windows® 10 IoT 64 bit

Ordering Information

| | |
|---------------------|--|
| ARCHMI-916AR | 15.6" WXGA Fanless HMI barebone with Intel® Core™ i3 CPU, 4GB DDR4 RAM, Resistive touch screen, 9~36V DC input with adapter, Aluminum chassis |
| ARCHMI-916AP | 15.6" WXGA Fanless HMI barebone with Intel® Core™ i3 CPU, 4GB DDR4 RAM, Projected Capacitive touch screen, 9~36V DC input with adapter, Aluminum chassis |

