



Features

- 15" Industrial Compact Size Panel PC
- Flat front panel touch screen
- Fanless design
- Intel Celeron N2930(1.83GHz) CPU built-in/Atom E3845(1.91GHz) for option
- Onboard 4GB DDR3L 1600 MHz/8GB(option)
- DC 9~36V wide-ranging power input
- IP65 compliant front panel
- Optional projected capacitive touchscreen support 7H anti-scratch surface

Specifications

| System | |
|----------------|---|
| CPU | Onboard Intel Celeron N2930(1.83GHz) Processor/ Atom E3845(1.91GHz) for option |
| System Chipset | SoC |
| Memory | Onboard 4GB DDR3L 1600 MHz/8GB(option) |

| IO Port | |
|-----------------|--|
| USB | 2 x USB 3.0 type A |
| Serial/Parallel | 1 x RS-232 DB-9(COM2) 1 x DB-9 RS-232/422/485 (Default RS-232)(COM1) |
| 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 Via TB-528U2 2 x USB 2.0 type A + 1 x Mini-PCIe slot + 1 x RS-232 DB-9 + 1 x Power button via TB-528C1U2P1 UPS Battery 21W/10.8V/1.95Ah(3S1P) |

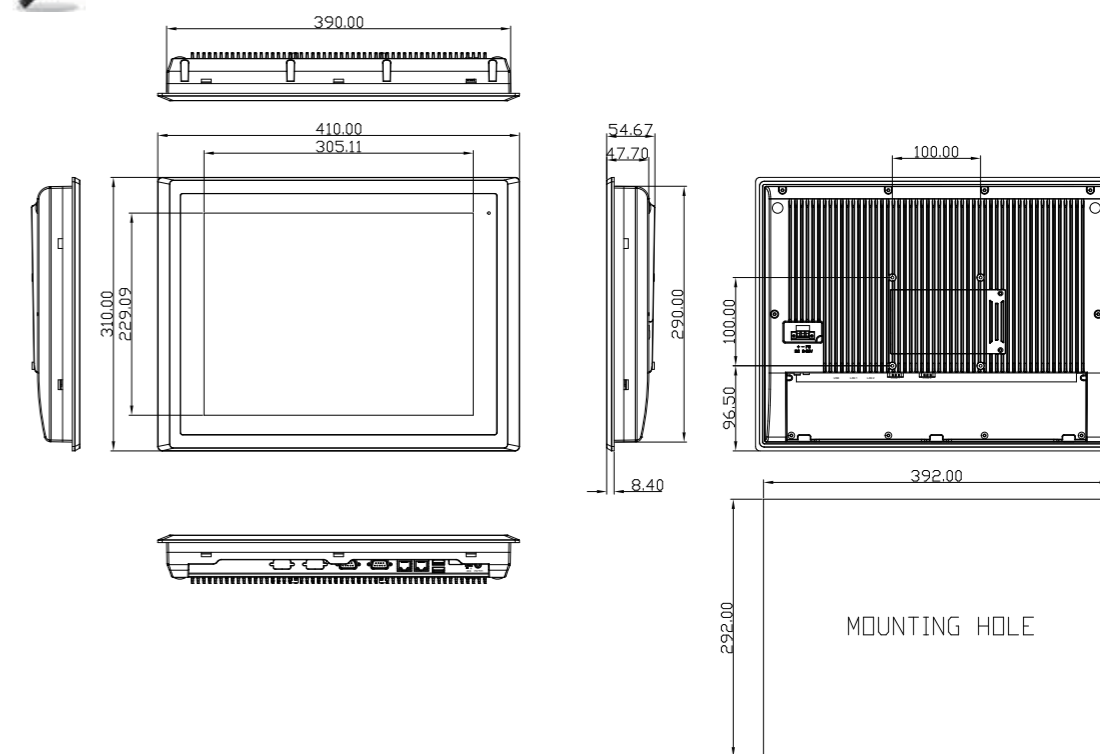
| Storage Space | |
|----------------|--|
| HDD | 1 x 2.5" SATA HDD bay for SATA HDD (Easy Accessible) |
| movable device | 1 x SD card slot, up to 32GB |

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

| Display | |
|--------------------------------|-------------|
| Display Type | 15" TFT-LCD |
| Max. Resolution | 1024x768 |
| Max. Color | 16.7M |
| Luminance (cd/m ²) | 450 |
| Viewing Angle (Degree) | 160/140 |
| Contrast Ratio | 800:1 |
| Backlight Lifetime | 60,000 hrs |

| Touch screen-Resistive Touch Window Type | |
|--|------------------------|
| TS Control IC | PenMount 6000 on Board |
| Interface | USB interface |
| Light Transmission(%) | Over 80% |

Dimensions



| Touch screen-Projected Capacitive Type | |
|--|---------------|
| TS Control IC | Chip on tail |
| Interface | USB interface |
| Light Transmission(%) | Over 90% |

| Power | |
|-------------------|--------------------------------------|
| Power Input | 9~36V DC |
| Power Consumption | MAX: 17.8W (815) / MAX: 17.8W (815P) |

| Mechanical | |
|--------------------|--|
| Color | RAL 9007 |
| Construction | Aluminum Die-casting Front Bezel and Chassis |
| Mounting | Panel Mounting, VESA 100 x 100 |
| Dimensions (WxHxD) | 410mm x 310mm x 54.7mm |
| Net Weight | 4.4 Kg |

| Environmental | |
|-----------------------|---------------------------------|
| Operating Temperature | 0~50°C |
| Storage Temperature | -20~60°C |
| Storage Humidity | 10 to 90%@ 40°C, non-condensing |
| Certificate | CE / FCC CLASS A/ UL |

| Operating System Support | |
|--|--|
| Windows Embedded Compact 7, Windows Embedded Standard 7, Windows 7 Pro(FES), Windows 7 Ultimate(FES), Windows Embedded 8 Standard, Windows Embedded 8.1 Industry Pro, Windows 10 IoT Enterprise 2015LTSP | |

| Operating System Support | |
|--------------------------|---|
| ARCHMI-815-01 | 15" XGA Fanless HMI barebone with Intel N2930 1.83GHz CPU, 2GB DDR3 RAM, Resistive touch screen, 9~36V DC input with adapter, Aluminum chassis |
| ARCHMI-815P-01 | 15" XGA Fanless HMI barebone with Intel N2930 1.83GHz CPU, 2GB DDR3 RAM, Projected Capacitive touch screen, 9~36V DC input with adapter, Aluminum chassis |