



# DATASOUND - LABORATORIES -

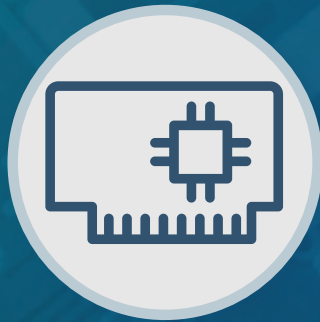
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## Features

- 10.1" LCD Panel
- Flat Front Panel with IP65 Design
- Solid Aluminum Die-casting Chassis
- Intel Atom N2600 processor, Dual Core Low Power Fanless System

## Specifications

| System         |   |
|----------------|---|
| CPU            | Intel Atom Cedar View N2600 1.6GHz Dual Core Processors / Intel Atom D2550 1.8GHz(Optional) |
| System Chipset | Intel NM10  |
| System Memory  | Onboard DDR3 2GB 800 MHz / 4GB (Optional)   |

| IO Port         |  |
|-----------------|--|
| USB             | 2 x USB 2.0 type A, USB4/5   |
| Serial/Parallel | 1 x RS-232/422/485 DB-9, COM1, Default RS-232<br>1 x RS-232 DB-9, COM2   |
| Audio           | 1 x Line out phone jack  |
| LAN             | 2 x GbE RJ-45  |
| Power           | 3 pins terminal block connector, DC Power input  |
| Option          | 2 x RS-232 DB-9 + 1 x Mini-PCIe slot via TB-528C2ME1<br>2 x CAN bus via TB-528CAN2<br>2 x USB 2.0 type A via TB-528U2<br>(2 x USB 2.0 type A + 1 x Mini-PCIe slot + 1 x RS-232 DB-9 via TB-528C1U2 |

| Storage Space  |                      |
|----------------|----------------------|
| HDD            | 1 x 2.5" SATA 2      |
| Movable device | 1 x Internal SD slot |

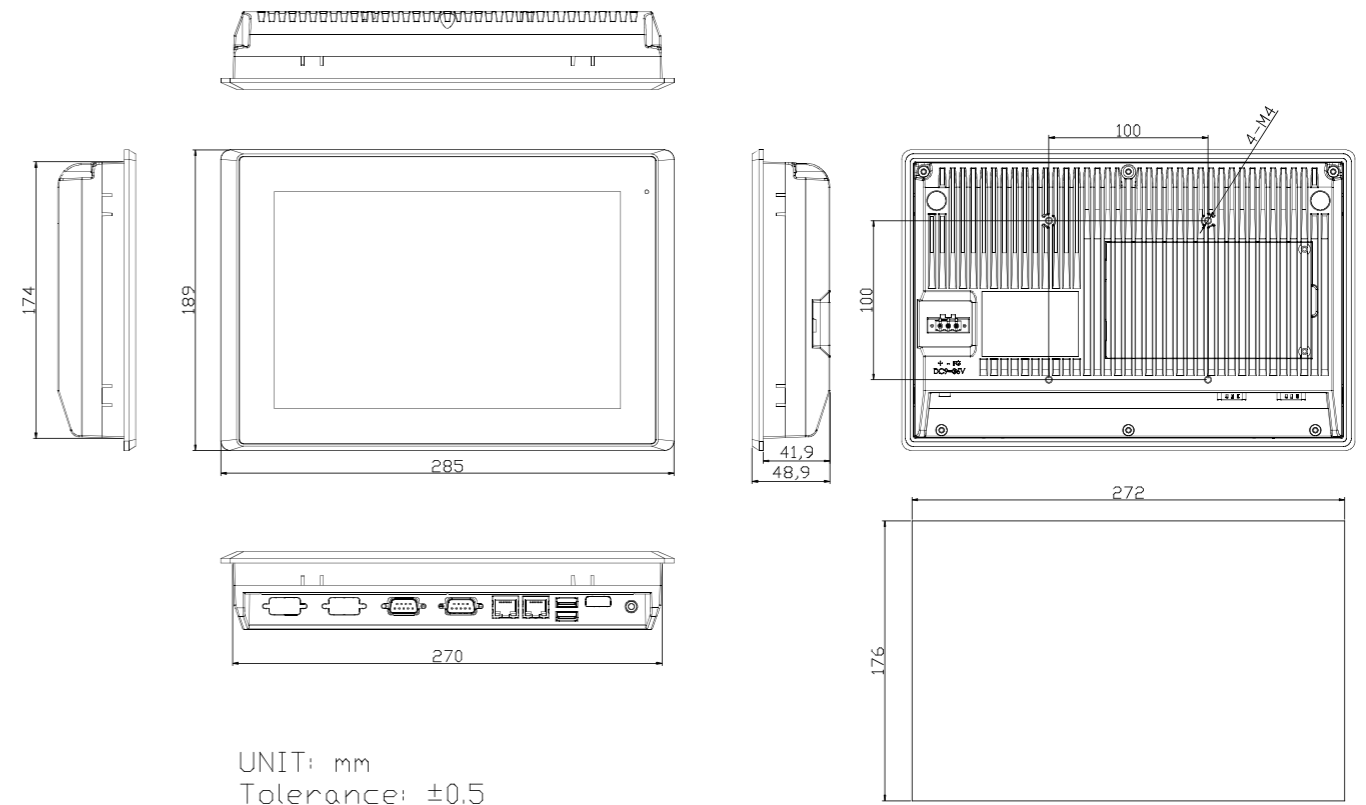
| Expansion      |                                  |
|----------------|----------------------------------|
| Expansion Slot | 1 x Internal Mini-PCIe half size |

| Display                        |               |
|--------------------------------|---------------|
| Display Type                   | 10.1" TFT-LCD |
| Max. Resolution                | 1280x800      |
| Max. Color                     | 262K          |
| Luminance (cd/m <sup>2</sup> ) | 350           |
| Viewing Angle (Degree)         | 160/160       |

| Touch screen          |  |
|-----------------------|--|
| Type                  | Resistive Touch / Projected Capacitive Touch (for P model) |
| Interface             | RS-232 / USB (for P model)                                 |
| Light Transmission(%) | 80% / 90% (for P model)                                    |

| Power             |          |
|-------------------|----------|
| Power Input       | 9~36V DC |
| Power Consumption | Max: 11W |

## Dimensions



Mounting Hole Size

| Mechanical         |   |
|--------------------|---|
| Construction       | Sliver aluminum front bezel and chassis |
| IP Rating          | IP65 front panel                        |
| Mounting           | Panel mounting, VESA 100 x 100          |
| Dimensions (WxHxD) | 285mm x 189mm x 48.9mm                  |
| Net Weight (Kgs)   | 2.1                                     |

| 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           | CE / FCC Class A / UL           |

| Operating System Support                   |  |
|--|--|
| Windows XP pro                             |  |
| Windows XP Embedded                        |  |
| Windows Embedded CE6.0                     |  |
| Windows 7 32-bit pro for Embedded          |  |
| Windows Embedded standard 7 32-bit         |  |
| (Win 7 32-bit support 3D Graphic function) |  |

| Ordering Information |   |
|----------------------|---|
| ARCHMI-710           | 10.1"WXGA 1280 x 800 fanless HMI with Atom N2600 1.6G CPU, 2GB DDR3 memory, touch window resistive touch screen, 9~36V DC input with adapter, Aluminum chassis. |
| ARCHMI-710P          | 10.1"WXGA 1280 x 800 fanless HMI with Intel N2600 1.6G CPU, 2GB DDR3 memory, projected capacitive touch, 9~36V DC input with adapter, Aluminum chassis.         |