

## Features

- Variety of LCD Panel Size Selections
- 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 RS-232 DB-9 + 1 x Power button via TB-528C1U2P1 |

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

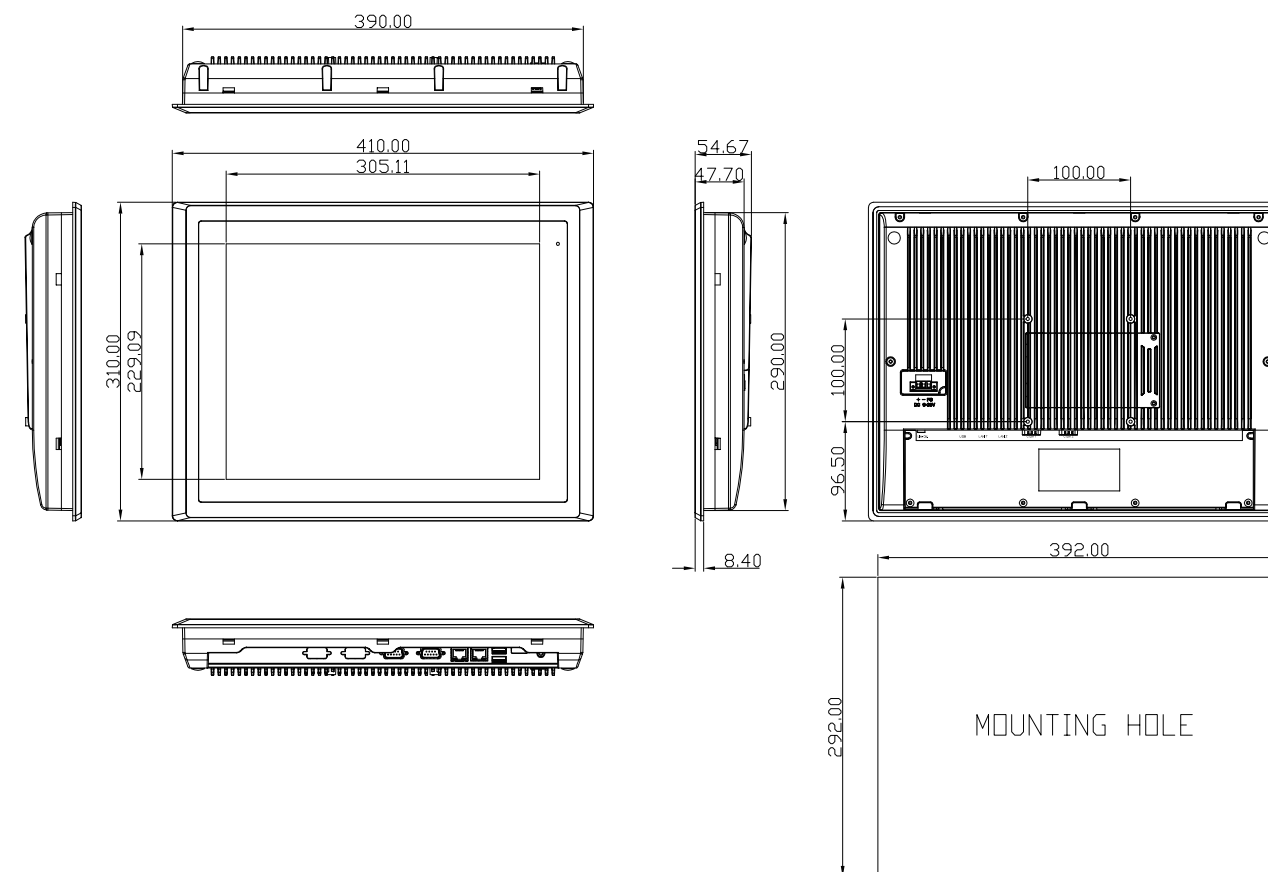
| Expansion      |                                  |
|----------------|----------------------------------|
| Expansion Slot | 1 x Internal Mini-PCIe half size |

| Display                        |                 |
|--------------------------------|-----------------|
| Display Type                   | 15" TFT-LCD     |
| Max. Resolution                | 1024x768        |
| Max. Color                     | 16.2M           |
| Luminance (cd/m <sup>2</sup> ) | 350             |
| View angle(H°/V°)              | H:160° / V:145° |

| Touch screen          |                                                               |
|-----------------------|---------------------------------------------------------------|
| Type                  | Resistive Touch /<br>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:19.2W |

## Dimensions



| Mechanical         |                                         |
|--------------------|-----------------------------------------|
| Construction       | Sliver aluminum front bezel and chassis |
| IP Rating          | IP65 front panel                        |
| Mounting           | Panel mounting, VESA 100 x 100          |
| Dimensions (WxHxD) | 410mm x 310mm x 54.7mm                  |
| Net Weight (Kgs)   | 4.4                                     |

| Environmental         |                                  |
|-----------------------|----------------------------------|
| Operating Temperature | 0~50°C, -20~60°C (option)        |
| Storage Temperature   | -20~60°C (option)                |
| 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 |                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NV-HMI-715           | 15" XGA 1024 x 768 fanless HMI with Atom N2600 1.6G CPU, 2G DDR3 memory, touch window resistive touch screen, 9~36VDC input with adapter, Aluminum chassis. |
| NV-HMI-715 P         | 15" XGA 1024 x 768 fanless HMI with Atom N2600 1.6G CPU, 2G DDR3 memory, projected capacitive touch screen, 9~36VDC input with adapter, Aluminum chassis.   |