



i5-6300U  
CPU

Celeron®  
CPU



# VULCAN

| Model Name                  | In-vehicle Terminal VX-601   |
|-----------------------------|--|
| <b>System</b>               |  |
| CPU                         | Intel® Core™ i5-6300U, Optional Intel® Celeron® 3955U  |
| Optional OS                 | Windows® 10.0 IoT  |
| RAM                         | 4GB DDR3L SODIMM, Expandable to 32GB   |
| ROM                         | M.2 2280 SSD, SD slot  |
| <b>Display</b>              |  |
| Display type                | 12.1" XGA TFT LCD  |
| Max. resolution             | 1024 x 768   |
| Touch module                | 5-Wire resistive touch, support defroster function   |
| <b>I/O</b>                  |  |
| Interface                   | 1x RS232, 1x RS232/422/485, 1x USB 3.0/2.0, 1x CAN bus, 2x DI, 2x DO, 1x Audio jack, 4x optional Video input, 1x DC-in |
| Control button              | 9x Programmable buttons, 2x brightness adjustment, Volume +/-, 1x Display on/off, 1x ptional Defrost/Defog             |
| <b>Application Modules</b>  |  |
| Wireless                    | Wi-Fi 802.11 a/b/g/n/ac  |
| Bluetooth                   | Bluetooth® V4.0 Class 2  |
| 2G/3G/4G                    | Optional 4G LTE / HSPA+ / GPRS   |
| GPS                         | Optional - GNSS (GPS / QZSS or GLONASS)  |
| Speaker                     | Dual speaker   |
| <b>Power Supply</b>         |  |
| Battery                     | 9 ~ 60 V DC input  |
| Adapter                     | Ignition sense with delay on/off setting   |
| Power Input                 | UPS Backup battery (10.8V, 4500 mAh)   |
| <b>Environmental</b>        |  |
| Operating Temperature       | -20°C ~ 60°C   |
| Storage Temperature         | -30°C ~ 70°C   |
| Humidity                    | 95% non-condensing   |
| <b>Rugged Features</b>      |  |
| IP Rating                   | IP65   |
| IEC                         | IEC 60529   IEC 60721-3-5 class 5M3  |
| Vibrations                  | MIL-STD-810G, Method 514.7 c2/c3/c4  |
| Shock                       | MIL-STD 810G, 40G at 11m/s Terminal / Sawtooth   |
| Salt Fog                    | MIL-STD-810G, Change1, Method 509.6  |
| <b>Mechanical Structure</b> |  |
| Dimension                   | 325 x 280 x 67mm   |
| Weight                      | 4.83 kg  |
| Installation                | VESA 75 / 100  |
| <b>Accessories</b>          |  |
| Optional                    | Mounting Kit, Power Cable, Antenna, U-Shape Bracket, Keyboard Tray, OBD II by request                                  |

