

# TANK-610-BW

Fanless Embedded System with AWS IoT Greengrass Qualified



## Features

- » Intel® Celeron® N3160 processor
- » Multiple COM ports: six RS-232 and two RS-232/422/485
- » VGA and HDMI™ dual independent display
- » mSATA and one x 2.5" SATA storage device
- » Wide range temperature

## Specifications

| Form factor                 |   |
|-----------------------------|---|
| SBC Form Factor             | CPU:  |
|                             | Intel® Celeron® N3160 processor (up to 2.24GHz, quad-core, 2MB cache, TDP=6W) |
|                             | Chipset:SoC   |
|                             | System Memory:  |
|                             | 2 x 204-pin DDR3L 1.35V SDRAM SO-DIMM (system Max : 8GB)                      |
| I/O Interface               |   |
| I/O Ports                   | 4 x USB 3.0   |
|                             | Ethernet:   |
|                             | 2 x RJ-45 PCIe GbE by Intel® I210-IT  |
|                             | COM Port:   |
|                             | 6 x RS-232, 2 x RS-232/422/485  |
|                             | Display:1 x VGA, 1 x HDMI™  |
|                             | Resolution:   |
|                             | VGA: Up to 2560 x 1600, HDMI™: Up to 3840 x 2160                              |
|                             | Audio:1 x Line-out, 1 x Mic-in  |
|                             | Wireless:1 x 802.11 b/g/n (optional)  |
| Expansion Slots             |   |
| Expansion Slots             | PCIe Mini:1 x Full size (support mSATA, co-lay SATA), 1 x Half size           |
| System                      |   |
| Cooling method / System Fan | Fanless   |
| Drive Bays                  | 1 x 2.5' SATA 6Gb/s HDD/SSD Bay   |
| Color                       |   |
| Color                       | Black C + Silver  |
| Dimensions                  |   |
| Dimensions                  | 184 x 200.6 x 58.2  |
| Weight                      |   |
| Weight                      | 2.2 kg/3 kg   |

|                       |                                  |
|-----------------------|----------------------------------|
| Environment           |                                  |
| Operating Temperature | -40°C ~ 60°C with air flow (SSD) |
| Humidity              | 10% ~ 95%, non-condensing        |

## Ordering Information

|                       |   |
|-----------------------|---|
| TANK-610-BW-N3/2G-R10 | Fanless wide temperature embedded system with Intel® Celeron® N3160 1.6GHz,(up to 2.24 GHz,quad-core,TDP 6W),2GB DDR3L pre-installed memory,9 V~36 V DC,with RS-232/422/485,USB 3.0,VGA/HDMI™,dual Intel® PCIe GbE,RoHS |
|-----------------------|---|

## Packing List

|                        |                                    |
|------------------------|------------------------------------|
| 1 x Power cord         | 1 x Power adapter (Meet PSE & ErP) |
| 1 x Wall mount bracket | 1 x Screw set                      |