# PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Product Name</th>
<th>BeagleBone® AI-64</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original Design</td>
<td>Beagleboard.org®</td>
</tr>
<tr>
<td>Manufacturer Part Number</td>
<td>102110646</td>
</tr>
</tbody>
</table>

- Texas Instruments TDA4VM system-on-chip with dual 64-bit Arm® Cortex®-A72, C7xDSP, and deep learning, vision and multimedia accelerators, 2.0GHz processor
- 4GB LPDDR4 RAM
- 16GB on board eMMC flash storage
- 5V DC input power
- USB 3.0 Type-C interface for power input and data
- Dual USB super-speed(5Gbps) Type-A host ports
- Gigabit ethernet
- Mini-Display port
- 16-pin microcontroller header
- Expansion headers compatible with many BeagleBone® cape add-on boards
- M.2 E-key connector with PCIe, USB and SDIO for WiFi/Bluetooth and expansion
- Dual 4-Lane CSI camera connectors
- 4-Lane DSI display connector
- Micro-SD slot
- 1x Boot button, 1x Reset Button, 1x Power button
- 1x Power indication LED, 5x User LEDs
- Wake-up domain serial port
- Main domain serial port
- JTAG 10pin Tag-Connector for debug
- Assembled heat-sink

<table>
<thead>
<tr>
<th>Working Temperature</th>
<th>0℃ – 70℃</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certification</td>
<td>CE, FCC, RoHS</td>
</tr>
</tbody>
</table>