

# SmartAIO

3rd Generation Intel® Atom™, Celeron® Processor Ultra-compact Fanless Box Computer



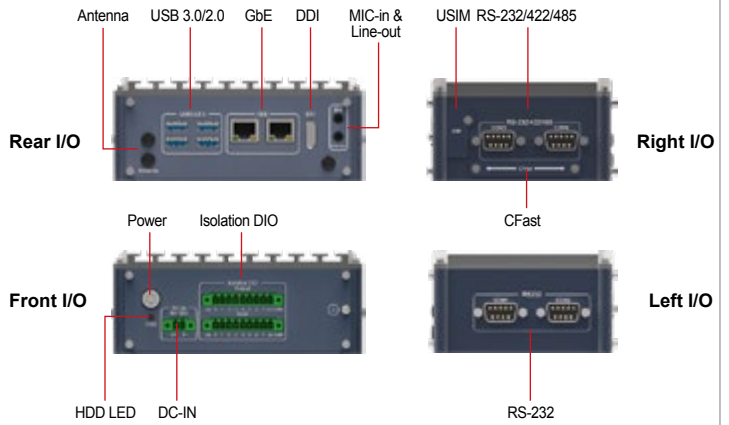
## Features

- Ultra-compact size: 138 x 100 x 57mm (5.43"x 3.94"x 2.24")
- 3rd gen Intel® Atom™ Processor, Celeron® Processor (formerly Bay Trail)
- Wide-Range DC voltage input: 9V~32V
- Fanless system, aluminum alloy structure
- 2x RJ45 GbE Ethernet
- 4x USB 3.0/2.0 ports
- 8-bit isolated GPI & 8-bit isolated GPO
- 4x RS-232 ports

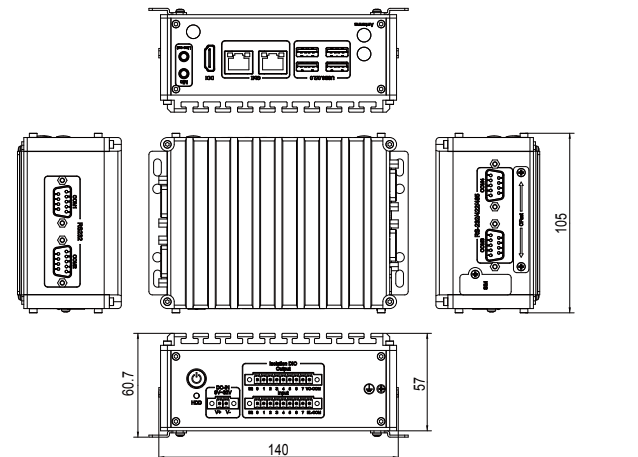
## Specifications

System	
<b>CPU</b>	Intel® Celeron® J1900 2.0 GHz, Quad Core L2 cache 2MB, 10W TDP Intel® Celeron® N2807 1.58 GHz, Dual Core L2 cache 1MB, 4.5W TDP Intel® Atom™ E3845 1.91 GHz, QuadCore L2 cache 2MB, 10W TDP Intel® Atom™ E3827 1.75 GHz, Dual Core L2 cache 1MB, 8W TDP Integated in SoC
<b>Chipset</b>	
<b>BIOS</b>	AMI Aptio® UEFI 2.x firmware
<b>Memory</b>	DDR3L with 1333 MT/s, 8GB (Max.)
Graphics	
<b>Display</b>	1x DDI
<b>Controller</b>	Intel® HD Graphics Generation 7
Power	
<b>DC Input</b>	9~32VDC
Mechanical	
<b>Dimensions (WxDxH)</b>	138 x 100 x 57mm (5.43"x 3.94"x 2.24")
<b>Weight</b>	0.76kg
External IO	
<b>Ethernet</b>	2x RJ45 GbE
<b>USB 3.0/2.0</b>	4x USB 3.0/2.0 port, 1x USB 2.0 port (internal)
<b>COM</b>	4x RS-232
<b>Digital I/O</b>	8-bit Isolated GPI & 8-bit Isolated GPIO
<b>Audio</b>	1x Mic in, 1x Line out
Storage	
<b>SATA</b>	1x mSATA socket
<b>Drive Bay</b>	2.5" HDD/SSD, share with CFast (optional)
<b>SIM</b>	1x USIM socket
Expansion Slot	
<b>Mini-PCle</b>	1x full length Mini-PCle socket (PCIe + USB + USIM) 1x half length Mini-PCle socket (PCIe + USB)
Other	
<b>Watchdog Timer</b>	Multistage
<b>Antenna</b>	2x antenna openings
Environment	
<b>Operating Temperature</b>	Operation: -20°C~60°C
<b>Storage Temperature</b>	Storage: -40°C~85°C Operation: 10% to 90%
<b>Operating Humidity</b>	10% ~ 90% Humidity, non-condensing
<b>Storage Humidity</b>	5% ~ 95% Humidity, non-condensing
<b>Certification</b>	CE/CB/FCC Class A
OS Support	
<b>Windows</b>	Windows 10 Windows 10 IoT 64-bit Windows 8 Windows Embedded 8 Standard Windows 7 Windows 7 embedded compact
<b>Linux</b>	Linux

## I/O Interfaces



## Dimensions



## Optional Accessories

Model Name	
SSD	mSATA 32GB/64GB/128GB/256GB
Adapter	12VDC/40W power adapter
Power Cord	US / Germany / UK / Australia / China
Wireless Module	3G/3G + GPS/4G/4G + GPS/4G + WIFI

## Ordering Information

Model Name	
U7-331	Intel® Celeron® N2807, 4GB
U7-333	Intel® Celeron® J1900, 4GB

Vetron: Email: [sales@vetron.com.au](mailto:sales@vetron.com.au) T: +61 (07) 5576 3672  
Head Office: Unit 2, 62 Township Drive, West Burleigh. QLD. 4219.  
ABN: 21 141 474 017

Note: All product specifications are subject to change without notice.

