

# SmartAIO Series U7-300 PRODUCT BROCHURE



Ultra-compact Industrial PC with 4 x UARTs ( 2 x RS-232/422/485, 2 x RS-232 )

**Part number:** U7-300

## Features

- Rich I/O design:
  - 1 x full length mini-PCIe + USIM
  - 1 x half length mini-PCIe
  - 1 x mSATA, 1 x SATA
  - 8-bit isolation GPI, 8-bit isolation GPO
  - 2 x GbE
  - 4 x USB 3.0, 4 x UART
- Wide Range DC Voltage Input: 9V~32V
- 3rd Gen. Intel® Atom™ Processor, Celeron® Processor Bay Trail platform
- Dimension: 138 x 100 x 57mm ( 5.43"x 3.93"x 2.24")

## System

<b>CPU</b>	Intel® Celeron® J1900 Quad Core 2.00GHz, L2 cache 2MB Intel® Celeron® N2807 Dual Core 1.58GHz, L2 cache 1MB
<b>Chipset</b>	SoC Integrated
<b>BIOS</b>	AMI Aptio® UEFI 2.x firmware
<b>Graphics</b>	Intel® Gen.7 HD Graphics
<b>System Memory</b>	Base on CPU Modules, Max to 8GB
<b>Storage</b>	1 x mSATA and 1 x SATA connector
	2 x mSATA (Optional)
	2.5"HDD/SSD (Optional)
	CFast slot (Optional)
	1 x push-push USIM slot
<b>Watchdog Timer</b>	Multistage Watchdog
<b>I/O</b>	4 x USB 3.0/2.0
	2 x RS-232/422/485, 2 x RS-232
	1 x HDMI

\* All product specifications are subject to change without notice

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1 x 8-bit Isolation GPI	
1 x 8-bit Isolation GPO	
2 x GbE Ethernet	
1 x Audio (Line-out), 1 x MIC	
1 x Power Button	
1 x LED for (HDD/SSD)	
<b>Expansion Slot</b>	1 x full-size PCI Express Mini card (PCIe+USB+USIM)
	1 x half-size PCI Express Mini card (PCIe+USB)
	1 x USB2.0 internal
<b>Power Supply</b>	2-Pin Terminal Block DC Input 9V~32V±5%
	DC internal Output 5V/0.75A ,12V/0.75A
<b>Dimensions</b>	138mm x 100mm x 57mm

## Environmental

<b>Operating Temperature</b>	0°C ~ +60°C
	-20°C ~ +70°C (Optional)
<b>Storage Temperature</b>	-45°C ~ +85°C
<b>Operating Humidity</b>	10% - 90% (non-condensing)
<b>Storage Humidity</b>	5% - 95% (non-condensing)
<b>Certificate</b>	CE / FCC class A
<b>Optional OS Installation</b>	Microsoft® Windows 8
	Microsoft® Windows 8 embedded
	Microsoft® Windows 7
	Microsoft® Windows 7 embedded compact
	Linux

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