

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

CPU	Intel® Celeron® J1900 Quad Core 2.00GHz, L2 cache 2MB
	Intel® Celeron® N2807 Dual Core 1.58GHz, L2 cache 1MB
Chipset	SoC Integrated
BIOS	AMI Aptio® UEFI 2.x firmware
Graphics	Intel® Gen.7 HD Graphics
System Memory	Base on CPU Modules, Max to 8GB
Storage	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
Watchdog Timer	Multistage Watchdog
I/O	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)	
Expansion Slot	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
Power Supply	2-Pin Terminal Block DC Input 9V~32V±5%
	DC internal Output 5V/0.75A ,12V/0.75A
Dimensions	138mm x 100mm x 57mm

Environmental

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

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