

SmartAIO Series U7-300T PRODUCT BROCHURE



Ultra-compact Industrial PC with 1 x VGA, 3 x UARTs (2 x RS-232/422/485, 1 x RS-232)

Part number: U7-300T

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, 3 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?

* All product specifications are subject to change without notice

Email: sales@vetron.com.au

ABN: 21 141 474 017

Business number +61 (07) 5576 3672

Head Office: Unit 2, 62 Township Drive, West
Burleigh. Qld. 4219.



- 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, 1 x RS-232
- 1 x HDMI
- 1 x VGA
- 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 57 mm

Environmental

Operating Temperature?

- 0°C ~ +60°C
- -20°C ~ +70°C (Optional)

Storage Temperature??

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- -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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