

SmartSL Plus



Ultra-Slim Industrial PC

Features

- Cable-less, Fan-less System, Aluminum Alloy Structure
- Wide-Range DC Voltage Input: 9V~32Vdc
- 3rd Gen. Intel® Atom™ Processor, Celeron® Processor Bay Trail platform
- Dual Display: 1x HDMI, 1x VGA
- 3x GbE ethernet with 802.3at PoE PSE
- 1x Mini-PCIe with USIM Socket, 1x mSATA Socket
- 1x USB 3.0/2.0, 3x USB2.0
- 8-bit Isolation GPI, 8-bit Isolation GPO
- 1x UARTs (RS-232/422/485 switchable)
- Dimension: 196 x 100 x 38.2mm (7.72" x 3.94" x 1.50")

System

CPU	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 Intel® Atom™ E3825 1.33 GHz Dual Core L2 cache 1MB 6W TDP Intel® Atom™ E3815 1.46 GHz Single Core L2 cache 512kB 5W TDP
Graphic	Intel® Gen.7 HD Graphics
Main Memory	DDR3L with 1333 MT/s, 8GB(Max.)
Storage	1x mSATA socket 1x USIM slot
Chipset	Intergated in SoC
BIOS	AMI Aptio® UEFI 2.x firmware
Watchdog	Multistage watchdog

I/O

Display	1 x HDMI/1 x VGA
Audio	1 x Line-out, 1x MIC-in
USB	1x USB 3.0/2.0, 3x USB2.0
Serial	1x RS-232/422/485 switchable
Ethernet	3x GbEwith 802.3at PoE PSE
GPIO	8-bit Isolation GPI, 8-bit Isolation GPO

Other

Antenna hole	3x
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Expansion

Mini-PCIe	1x Full-Length Mini-PCIe socket (PCIe+USB+USIM)
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Environment & Mechanical

Power Supply	V ~ 32Vdc (DC Input Voltage)
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Headquarter

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Note : All product specifications are subject to change without notice

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Temperature Operation	0°C ~+60°C,(32°F~140°F)
Temperature Storage	-45°C ~+85°C,(-49°F~185°F)
Humidity Operation	10%~90% (non-condensing)
Humidity Storage	5%~95% (non-condensing)
Dimension(W x D x H)	196 x 100 x 38.2mm (7.72" x 3.94" x 1.50")
Certification & Optional OS Installation	
OS	Microsoft® Windows® 7 Microsoft® Windows® 8 Microsoft® Windows® 8 embedded Microsoft® Windows® 7 embedded compact
Certification	CE / FCC class A

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Model	Description
U7-232	<p>U7-200 Fanless Box PC,</p> <p>CPU: Intel® Celeron® J1900 (4x 2GHz, 2MB L2Cache, 10W)</p> <p>Memory: DDR3L 4GB/1333MHz on-board</p> <p>Front Side</p> <ul style="list-style-type: none">• 1 x USB 3.0• 2 x USB 2.0• 2 x 10/100/1000Mbps Ethernet• 1 x Audio (Line-out/ MIC-in)• 1 x power on/off button <p>Rear Side</p> <ul style="list-style-type: none">• 1 x HDMI• 2 x USB 2.0• 1 x GPIO (16bit)• 1 x COM• 2 x Antenna holes (Front side)• 12V Power input

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