

The Ultra-slim Embedded Box PC



Features

- 2 x Mini-PCIe with USIM Socket
- 1 x mSATA Socket
- 16-bit programmable GPIO
- 2 x GbE
- 1 x USB3.0/2.0, 4 x USB2.0
- 1 x UART (RS-232)
- Wide Range DC Voltage Input: 9V-32V
- 3rd Gen. Intel® Atom™ Processor, Celeron® Processor Bay Trail platform
- Dimension:173 x 88 x 21.7mm (6.81" x 3.46" x 0.85")

System

CPU	Intel® Celeron® N2807 1.58 GHz Dual Core L2 cache 1MB Intel® Atom™ E3825 1.33 GHz Dual Core L2 cache 1MB Intel® Atom™ E3815 1.46 GHz Single Core L2 cache 512kB
Graphic	Intel® HD Graphics
Storage	1x mSATA socket 2 x USIM slot
Chipset	Intergated in SoC
BIOS	AMI Aptio® UEFI 2.x firmware
System Memory	On Board DDR3L 4GB
Watchdog	Multistage watchdog

I/O

Display	1 x HDMI
Audio	1 x Audio (Line-out), 1 x MIC-in
USB	1 x USB 3.0 , 4x USB 2.0
Serial	1 x RS-232
Ethernet	2 x GbE Ethernet
GPIO	16 bit GPIO
Power	1 x Power Button

Expansion

Mini-PCIe	2x Full-Length Mini-PCIe socket (PCIe+USB+USIM)
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Environment & Mechanical

Power Supply	DC Input 9V-32V
Temperature Operation	0°C ~+50°C
Temperature Storage	-45°C ~+85°C
Humidity Operation	10%-90% (non-condensing)
Humidity Storage	5%-95% (non-condensing)

Headquarter

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SmartSL

Dimension(W x D x H)	173 x 88 x 21.7 mm (6.81" x 3.46" x 0.85")
Certification & Optional OS Installation	
OS	Microsoft® Windows 8 Microsoft® Windows 7 Microsoft® Windows 7 embedded compact Microsoft® Windows 8 embedded Linux
Certification	CE / FCC class A

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Model	Description
U7-130	<p>U7-100 Fanless Box PC,</p> <p>CPU: Intel® Celeron® N2807 (2x 1.58GHz, 1MB L2Cache, 4.3W)</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
U7-131	<p>U7-100 Fanless Box PC,</p> <p>CPU: Intel® Atom™ E3815 (1x 1.46GHz, 512kB L2Cache, 5W)</p> <p>Memory: DDR3L 1GB/1067MHz 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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