

# KUBE-8130

Embedded Fanless Box PC with  
Intel® Celeron® BayTrail Quad Core J1900 Processor



- Intel® Celeron® BayTrail Quad Core J1900 Processor
- 2x DDR3L SO-DIMM Socket
- 2x GbE, 10x COM, 5x USB 2.0, 1x USB 3.0
- 1x VGA, 1x HDMI
- 1x Parallel port
- 1x 2.5" SATA HDD/SSD, 1x mSATA

## Product Overview

The KUBE-8130 is a fanless Box PC is ideal for space critical applications. This embedded hardware platform is designed with Intel® Celeron® BayTrail Quad Core J1900 Processor, with excellent performance. The system is supported with 2x DDR3L SO-DIMM. Featured are 2x 2.5" HDD (SATA), 2x GbE, 5x USB 2.0, 1x USB 3.0, 1x VGA, 1x HDMI and 10x COMs.

The KUBE-8130 provides high performance, reliability for harsh environments, compact size, noiseless operation and is highly suited to a wide range of industrial applications such as Kiosk, ATM, Gaming, Transportation, Entertainment, Surveillance, and Thin Servers. Wall and desktop mounting

## Technical Information

<b>CPU Support</b>	Intel® Celeron® J1900 (Quad Core, 2M Cache, up to 2.42 GHz, FCBGA1170 Socket, 10W TDP)
<b>Memory</b>	2x DDR3L 1333 SO-DIMM up to 8GB
<b>Graphic Controller</b>	Intel® HD Graphics
<b>Display Interfaces</b>	1x HDMI (on rear, 1920 x 1080 @ 60Hz) 1x VGA (on rear, 2560 x 1600 @ 60Hz)
<b>Multiple Display</b>	Dual
<b>Audio Chipset</b>	Realtek ALC662
<b>Audio Interfaces</b>	1x Line-out (on rear) 1x Mic-in (on rear)
<b>Ethernet</b>	2x LAN (RJ-45 on rear, Realtek RTL8111G)
<b>USB</b>	1x USB3.0 (Type A on rear) 5x USB2.0 (1x Type A on front, 4x Type A on rear)
<b>Serial Ports</b>	2x RS-232/422/485 (DB9 on rear) 8x RS-232 (4x DB9 on front, 4x DB9 on rear)
<b>Other I/Os</b>	1x Parallel Port (on front)
<b>Storage</b>	1x 2.5" SATA HDD / SSD 1x mSATA

<b>Power Supply</b>	Connector: Lockable DC Jack (on rear) Input Voltage: DC 12V ~ 24V Power Adapter: AC to DC, 100V ~ 240V
<b>Firmware</b>	BIOS: AMI uEFI BIOS w/ 64Mb SPI Flash Watchdog: Programmable WDT to generate system reset event H/W Monitor: Voltages, Temperatures Real Time Clock: SoC integrated RTC TPM: optional (Infineon SLB 9635 TPM 1.2)
<b>System Control &amp; Monitoring</b>	1x Power Switch (on front) 1x Power LED (on front) 1x Storage LED (on front)
<b>Cooling</b>	Fanless
<b>OS Support</b>	Windows 7, Windows 8
<b>Construction</b>	Aluminium Chassis
<b>Dimensions (W x D x H)</b>	220 x 180 x 68 mm / 8.66" x 7.09" x 2.68"
<b>Weight</b>	2200 g / 4.85 lb
<b>Environmental Characteristics</b>	Operation Temp.: 0°C ~ 50°C / 32°F ~ 122°F Storage Temp.: -20°C ~ 80°C / -4°F ~ 176°F Humidity: 0% ~ 90%
<b>Mounting</b>	Wall Mount
<b>Certification</b>	CE, FCC Class A

## KUBE-8130 I/Os

