

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 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.

Technical Information

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

Power Supply	
Connector: Lockable DC Jack (on rear)	
Input Voltage: DC 12V ~ 24V	
Power Adapter: AC to DC, 100V ~ 240V	
Firmware	
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)	
System Control & Monitoring	
1x Power Switch (on front)	
1x Power LED (on front)	
1x Storage LED (on front)	
Cooling	
Fanless	
OS Support	
Windows 7, Windows 8	
Construction	
Aluminium Chassis	
Dimensions (W x D x H)	
220 x 180 x 68 mm / 8.66" x 7.09" x 2.68"	
Weight	
2200 g / 4.85 lb	
Environmental Characteristics	
Operation Temp.: 0°C ~ 50°C / 32°F ~ 122°F	
Storage Temp.: -20°C ~ 80°C / -4°F ~ 176°F	
Humidity: 0% ~ 90%	
Mounting	
Wall Mount	
Certification	
CE, FCC Class A	

KUBE-8130 I/Os

Power Button

