



PPC-2129

21.5" Intel® Celeron® SoC Processor J1900
Fanless Plastic Chassis Touch Panel PC

- > Onboard Intel® Celeron® SoC J1900 2.0GHz BGA Processor
- > 1 SODIMM up to 8GB DDR3L SDRAM
- > 1 CF, 2 USB, 1 COM & 1 Mini-PCle
- > 2 Intel Gigabit LAN, 2W Amplifier
- > Timer-Power-On
- > Fanless Operation, VESA Compliance
- > Programmable Function Key
- > IP-65 Compliant Front Panel
- > VESA Compliance

+ Spec

-System Information-	
Processor	Intel® Celeron® J1900 4-Core 2.0GHz processor
Platform Controller Hub	Intel® Valleyview SoC
System Memory	1 x 204-Pin DDR3L 1066MHz SO-DIMM up to 8 GB 204-Pin DDR3L 1600MHz SO-DIMM Processor J1900 only support 1333MHz
I/O Chipset	EC ITE IT8528E
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec. and 1sec./step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	EBM-BYT
Expansion	
Expansion	1 x Mini PCIe Supports mSATA
Storage	
Storage	1 x CompactFlash Type I/II Socket 1 x 2.5" Drive Bay
Panel	
LCD Size	21.5"
Display Type	Full HD
Resolution	1920x1080
Pixel pitch	0.248mm (H) x 0.248mm (V)
Luminance	250 cd/m2
Contrast ratio	3000
Viewing angle	89 (U), 89 (D), 89 (L), 89 (R)
Response time	18 ms
Backlight	LED
Touch Type	5 Wires resistive
Touch Light Transmission	80%
I/O	
USB Port	3 x USB 2.0 1 x USB 3.0
COM Port	1 x RS-232/422/485
Display	
Graphic Chipset	Intel® Valleyview SoC integrated Graphics Supports dual display
Spec. & Resolution	DP:Max. resolution 2560x1080@ 60Hz HDMI:Max. resolution 1920x1200@ 60Hz
Audio	
Audio Codec	Realtek ALC888S
Audio Interface	Line-Out
Speaker Output	2 x 2W
Certifications	
Certification Information	CE FCC Class B
Ethernet	
LAN Chipset	2 x Intel® I210IT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Power Requirement	
DC Input	+12V ~ +26V
DC Input Connector	Lockable DC Jack



Power Mode	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
Mechanical & Environmental	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (W x L x H)	542 x 382 x 63mm
Weight	7.2Kgs
Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
System Fan	Fanless
Construction - Front	White Plastic
Construction - Rear	Gary Plastic
Software Support	
OS Information	Win 7 Win 8 Win 10 Linux
Ordering Information	
Ordering Information	PPC-2129-190-A4R Intel Celeron SoC J1900 2.0GHz/2G DDR3L/32G SSD/2GLAN/COM/SPK/VESA Stand/12~26V input/12V Adapter

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