



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-PCIe
- > 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	
Processor	Intel® Celeron® J1900 4-Core 2.0GHz processor
System Chipset	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 Chip	EC ITE IT8528E
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec. and 1sec./step
H/W Status Monitor	Monitoring System Temperature, Voltage and FAN Status with Auto Throttling Control
SBC	EBM-BYT
Expansion	
Expansion	1 x Mini PCIe Supports mSATA
Storage	
Storage	1 x CompactFlash Type VII Socket 1 x 2.5" Drive Bay
I/O	
USB	3 x USB 2.0 1 x USB 3.0
COM Port	1 x RS-232/422/485
Display	
Chipset	Intel® Valleyview SoC integrated Graphics Supports dual display
Resolution	DP:Max. resolution 2560x1080@ 60Hz HDMI:Max. resolution 1920x1200@ 60Hz
Audio	
Chipset	Realtek ALC892 supports 5.1-CH
Audio Interface	Line-Out
Speaker Output	2 x 2W
Ethernet	
Chipset	2 x Intel® I210IT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Operating Temp	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	7.2Kgs
Dimension (L x W x H)	542 x 382 x 63mm
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
Certifications	
Certification Information	CE FCC Class B
Software Support	
OS Information	Win 7 Win 8 Linux
Power Requirement	



Power Connector	Lockable DC Jack
Power Requirement	+12V ~ +26V
Power Mode	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
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	1000
Viewing angle	80 (U), 80 (D), 85 (L), 85 (R)
Response time	5 ms
Backlight	LED
Touch Type	5 Wires resistive
Touch Light Transmission	80%

+ Ordering

PPC-2129-190-A1R
21.5" FHD J1900 2GHz/2GR/32GSSD/2LAN

ACC-WIFI-PCIE-8R
WM5201 802.11b/g/n Mini Card w/ Antenna for PPC Series

ACC-ARM-D1R
VESA STAND, 75 & 100mm

ACC-CF-XX
CompactFlash Card Series

(xx=Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB)