



PPC-1529

15" 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 1066/1333MHz SO-DIMM up to 8 GB
I/O Chipset	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 I/II Socket 1 x 2.5" Drive Bay
Panel	
LCD Size	15", 4:3
Display Type	XGA
Resolution	1024x768
Pixel pitch	0.297mm (H) x 0.297mm (V)
Luminance	300 cd/m2
Contrast ratio	2000
Viewing angle	88(U), 88(D), 88(L), 88(R)
Response time	16 ms
Backlight	LED
Touch Type	5 Wires resistive
Touch Light Transmission	80 %
I/O	
USB Port	1 x USB 3.0 3 x USB 2.0
COM Port	1 x RS-232/422/485
Display	
Graphic Chipset	Intel® Valleyview SoC integrated Graphics Supports dual display
Spec. & Resolution	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)	351 X 319 X 54mm
Weight	4.9Kgs
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	Grey Plastic
Software Support	
OS Information	Win 7 Win 8 Win 10 Linux
Ordering Information	
Ordering Information	PPC-1529-190-A4R Intel Celeron SoC J1900 2.0GHz/2G DDR3L/32G SSD/2GLAN/COM/SPK/VESA Stand/12~26V input/12V Adapter

www.avalu.com.tw

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660