

# FANLESS TOUCH PANEL PC

17" Intel Celeron SoC Processor J1900 Fanless  
Full Flat Multi-Touch Panel PC



**Model: VPC1700-J**

## Features:

- Onboard Intel® Celeron® SoC J1900 2.0GHz BGA Processor
- Full Flat Front Panel with Projected Capacitive Touch Supports Multi Touch
- Intel® 1211AT Gigabit Ethernet, 5.1-CH Audio
- 1 HDMI, 1 COM, 2 USB, 1 CF Slot
- Fanless System & VESA Compliance
- Wide Voltage +12V ~ +26V Input, ErP Power
- Timer-Power-On
- Front Side IP65 Dust and Water Proof
- Optional Mini PCIe 3G with SIM Slot and WiFi Module

## Specifications:

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 or 204-Pin DDR3L 1333MHz SO-DIMM
I/O Chip	EC ITE IT8528E
Watchdog Timer	H/W Reset: 1sec.~255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
SBC	EBM-BYT
EXPANSION	
Expansion	1 x Mini PCIe 1 x Mini PCIe Supports mSATA
Storage	1 x Compact Flash Type I/II Socket 1 x 2.5" Drive Bay
PANEL	
LCD Size	17", 4:3
Resolution	1280 x 1024
Pixel pitch	0.264mm (H) x 0.264mm (V)
Luminance	350cd/m <sup>2</sup>
Contrast ratio	800
Viewing angle	80 (U), 80 (D), 85 (L), 85 (R)
Response time	30ms
Backlight	LED
Touch Type	Projective Capacitive
Touch Light Transmission	88 %
Touch Controller	USB touch (EETI)
I/O	
USB	1 x USB 3.0, 1 x USB 2.0
COM Port	1 x RS-232/422/485

<b>DISPLAY</b>	
Chipset	Intel® Cedarview Integrated Graphics Supports dual display
Resolution	HDMI:Max. resolution 1920x1200@ 60Hz LVDS:Max. resolution 1920x1200@ 60Hz
Chipset	Realtek ALC892 supports 5.1-CH
Audio Interface	Line-Out
<b>ETHERNET</b>	
Chipset	2 x Intel® I211AT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
<b>MECHANICAL &amp; ENVIRONMENTAL</b>	
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
Weight	5.2Kgs
Dimension (L x W x H)	384.5 x 317 x 59.5 mm
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	Silver Aluminum
Construction - Rear	Black
<b>CERTIFICATIONS</b>	
Certification Information	CE / FCC Class B
<b>SOFTWARE SUPPORT</b>	
OS Information	Win 7 Win 8 Linux
OS Information	
<b>POWER REQUIREMENT</b>	
Power Connector	Lockable DC Jack
Power Requirement	+12V+26V
Power Mode	AT/ATX
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)