

8"800x600, 500nits Touch Panel PC (F1 Stepping CPU) (ALC888S)  
 Intel Celeron SoC J3455 1.50GHz CPU/4G DDR3L/ 2GLAN/ 2COM/  
 4USB /12~26V Input/ 60W Adapter  
**Model: VPC0800-345**



## FEATURES

- 8" SVGA TFT Touch Panel PC
- 5-wire Resistive Touch Screen
- Intel Celeron J3455
- HDMI x 1, 2x GbE LAN, 2x COM, 4 x USB 3.2 (Gen1x1, 5Gbps)
- Optional TPM 2.0
- No HDD Support
- Fanless
- Wide Range Voltage Input +12V ~ +26V
- IP65 Compliant Front Panel
- VESA Compliance

## SPECIFICATIONS

System Information-	
Processor	Intel Celeron J3455
Platform Controller Hub	Intel Celeron
System Memory	1 x 204-pin DDR3L SODIMM Socket, Supports Up to 8GB DDR3L 1866MTs SDRAM (Non-ECC)
I/O Chipset	EC ITE IT8528E
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec. and 1 sec/step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	ECM-APL
Expansion	
Expansion	1 x Full-Size Mini PCI Express Mini Card (for PCIe & USB2.0) 1 x M.2 (2242) B-Key
Storage	
Storage	1 x M.2 B key (2242 support SATA/PClex1/USB interface & with Micro SIM card connector) for SSD
Panel	
LCD Size	8", 4:3
Display Type	SVGA
Resolution	800x600
Pixel pitch	0.0675mm(H) x 0.2025mm(V)
Luminance	500 cd/m <sup>2</sup>
Contrast ratio	500
Viewing angle	50(U), 70(D), 70(L), 70 (R)
Response time	25 ms
Backlight	LED
Touch Type	5 Wires resistive
Touch Light Transmission	80%
Touch Controller	USB touch (EETI)

<b>I/O</b>	
USB Port	1 x USB 3.0 3 x USB 2.0
COM Port	1 x DB-9 male connector for COM1 supports RS232 (BOM option for RS422/485) 1 x DB-9 male connector for COM2 supports RS232
Other	1 xHDMI

<b>Display</b>	
Graphic Chipset	Intel® Valleyview SoC integrated Graphics Supports dual display

<b>Software Support</b>	
OS	Windows 10 Android x86 8.1 Ubuntu 16.04

<b>Reliability</b>	
EMI Test	CE/FCC Class B
Operating Temperature	0°C~40°C(32°F~104°F)
Operating Humidity	40°C @95% Relative Humidity, Non-condensing
Unit Weight	1.39 Kgs
Storage Temperature	-20°C - 60°C (-4°F - 140°F)

<b>Certifications</b>	
Certification Information	CE/FCC Class B
Ethernet	
LAN Chipset	Dual Intel® 1211 AT Gigabit LAN
LAN Port	2 x RJ-45

<b>Power Requirement</b>	
DC Input	+12V~+26V
DC Input Connector	Lockable DC Jack
Power Mode	12-24V, AT/ATX
Adapter	Input: 100 ~ 240Vac/ 50 - 60Hz Output: 60W Adapter (12V @ 5A Adapter)

<b>Mechanical &amp; Environmental</b>	
Operating Temperature	0°C~40°C(32°F~104°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Dimension (WxLxH)	202.5 x 159.5 x 46.5 mm
Weight	1.39 Kgs
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 Iron and Aluminum

<b>Software Support</b>	
OS Information	Windows 10
	Android x86
	Linux Ubuntu

**\*Specifications subject to change without notice, not responsible for typographical errors.**