



## LPC-1232

### 12.1" 6th Gen Intel® ULT Core™ Processor Fanless Rugged Touch Panel PC

- > 6th Gen Intel® Core™ SoC ULT Processor i5-6300U processor
- > Two 260-pin DDR4 SODIMM (non ECC) support up to 32GB (non ECC only)
- > 4 USB, 2 COM, HDMI, Line out
- > 2 x Intel Gigabit Ethernet
- > Wide Voltage +12V ~ +26V Input, ErP Power
- > Backlight Controlled by PWM
- > IP65 Compliant Front Panel
- > Timer-Power-On
- > TPM 2.0 & TPM 1.2 (Optional)

#### Spec

-System Information-	
Processor	6th Gen Intel® Core™ SoC ULT Processor i5-6300U processor
System Memory	Two 260-pin DDR4 SODIMM (non ECC) support up to 32GB (non ECC only)
I/O Chipset	EC ITE IT8528E
BIOS Information	AMI uEFI BIOS, 128Mbit SPI Flash ROM
Watchdog Timer	H/W Reset, 1sec. ~ 65535min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
Board	EBM-SKLU
Expansion	
Expansion	1 x Mini PCIe Support mSATA 1 x Mini PCIe Supports SIM Card
Storage	
Storage	1 x 2.5" Drive Bay 1 x mSATA
Panel	
LCD Size	12.1", 4:3
Display Type	XGA
Resolution	1024x768
Pixel pitch	0.240mm(H) x 0.240mm(V)
Luminance	600 cd/m <sup>2</sup>
Contrast ratio	1000
Viewing angle	89 (U), 89 (D), 89 (L), 89 (R)
Response time	13 ms
Backlight	LED
Touch Type	5 Wires resistive
Touch Light Transmission	80 %
Touch Controller	Onboard USB touch (EETI)
I/O	
USB Port	4 x USB 3.0
COM Port	2 x RS-232/422/485
Other	1 x HDMI Output 1 x Knockouts for Antenna Mounting
Display	
Graphic Chipset	Intel® Skylake SoC integrated Graphics Supports dual display
Spec. & Resolution	HDMI: Max. resolution 4096x2160 @ 24Hz
Audio	
Audio Codec	Realtek ALC233
Audio Interface	Line-Out
Speaker Output	2 x 2W
Certifications	
Certification Information	CE / FCC Class B
Ethernet	
LAN Chipset	1 x Intel® I210AT 1 x Intel® I219LM
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	2.84 Kgs



<b>Dimensions(W x L x D)</b>	283 x 222 x 45 mm
<b>Power Requirement</b>	+12V ~ +26V
<b>Power Mode</b>	AT/ATX (ATX is default setting)
<b>Software Support</b>	
<b>OS Information</b>	Win 7 / Win 8 / Linux
<b>Ordering Information</b>	
<b>Ordering Information</b>	<p>LPC-1232-630-B1R 6th Gen Intel Core i5 6300U 2.4GHz CPU/4G DDR4/2GLAN/2COM/12~26V input/12V Adapter</p> <p>ACC-LPC-WIFI-01R MPCIE WIFI-Kit for LPC Series(half-card) Antenna/Cable/BT4.0/802.11a/b/g/n/ac</p> <p>ACC-ARM-D22R VESA STAND, 75x75 &amp; 100x100 mm</p> <p>ACC-ARM-D29R ARM A800B VESA standard 75*75 &amp; 100*100mm</p> <p>ACC-LPC-12-PMT-01R Front Panel Mount Kit for LPC-12 Series, w/o IP-65</p> <p>ACC-LPC-12-PMT-02R Back Panel Mount Kit for LPC-12 Series, w/IP-65</p> <p>E1702031833R USA Power Cord</p> <p>E1702031000R EU Power Cord</p> <p>E1702031834R Japan Power Cord</p> <p>E1702031830R UK Power Cord</p> <p>E1702031831R Australia Power Cord</p>

[www.avalu.com.tw](http://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](mailto: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](mailto: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