



## LPC-1232

12.1" 6th Gen Intel® ULT Core™ Processor i7/i5/i3  
Fanless Rugged Touch Panel PC

- > 6th Gen Intel® Core™ SoC ULT Processor i7/i5/i3 processor
- > Two 260-pin DDR4 SODIMM (non ECC) support up to 32GB (non ECC only)
- > 4 USB, 2 COM
- > 2 x Intel Gigabit Ethernet, 5.1 CH Audio
- > 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	
Processor	6th Gen Intel® Core™ i5-6300U, 2-Core, 2.4GHz processor
System Memory	2 x 260-Pin DDR4 2133MHz SO-DIMM
I/O Chip	EC ITE IT8528E
Watchdog Timer	H/W Reset, 1sec. ~ 65535min. and 1sec. or 1min./step
H/W Status Monitor Board	Monitoring System Temperature and Voltage with Auto Throttling Control 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
I/O	
USB	4 x USB 3.0
SATA	1 x SATA III
COM Port	2 x RS-232/422/485 (Factory Optional)
Other	1 x HDMI Output 1 x Knockouts for Antenna Mounting
Display	
Chipset	Intel® Skylake SoC integrated Graphics Supports dual display
Resolution	HDMI: Max. resolution 4096x2160 @ 24Hz
Audio	
Chipset	Realtek ALC233
Audio Interface	Line-Out
Ethernet	
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	
Power Requirement	+12V ~ +26V
Power Type	AT/ATX (ATX is default setting)
Operating Temp	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temp	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	2.84 Kgs
Dimensions(W x L x D)	283 x 222 x 45 mm
Certifications	
Certification Information	CE / FCC Class B
Software Support	
OS Information	Win 7 / Win 8 / Linux
Panel	
LCD Size	12.1", 4:3
Display Type	XGA
Resolution	1024x768
Pixel pitch	0.240mm(H) x 0.240mm(V)
Luminance	600 cd/m²
Contrast ratio	700
Viewing angle	70 (U), 70 (D), 80 (L), 80 (R)
Response time	16 ms
Backlight	LED
Touch Type	5 Wires resistive



<b>Touch Light Transmission</b>	80 %
<b>Touch Controller</b>	Onboard USB touch (EETI)

**+** Ordering

LPC-1232-630-B1R  
Intel Skylake i5-6300U CPU/4G memory/2GLAN/2COM/4USB/12~26V input/12V Adaptor