



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	HW 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 ²
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



Dimensions(W x L x D)	283 x 222 x 45 mm
Power Requirement	+12V ~ +26V
Power Mode	AT/ATX (ATX is default setting)
Software Support	
OS Information	Win 7 / Win 8 / Linux