



## FPC-1532

**15" 6th Gen Intel® ULT Core™ Processor  
i7/i5/i3/Celeron Fanless Rugged Touch Panel PC  
with Expansion slot**

- > Onboard 6th Gen Intel® ULT Core™ i7/i5/i3/Celeron Processor
- > Full Flat Front Panel with Projected Capacitive Touch Supports Multi Touch
- > 2 x 260-pin SODIMM sockets supports up to 32GB DDR4 2133 SDRAM
- > 4 USB3, 4 COM
- > Dual Intel Gigabit LAN
- > Wide Voltage +12V ~ +24V Input, ErP Power
- > Dual DP, HDMI
- > IP65 Compliant Front Panel
- > 2 x SATA III support RAID 0, 1
- > 2 pin Phoenix DC in connector
- > Default with 1 x full size PCIe X1 slot (optional for PCI/PCIe)

### + Spec

System	
<b>Processor</b>	6th Gen Intel® Core™ i7-6600U, 2-Core, 2.6GHz processor 6th Gen Intel® Core™ i5-6300U, 2-Core, 2.4GHz processor 6th Gen Intel® Core™ i3-6100U, 2-Core, 2.3GHz processor 6th Gen Intel® Core™ 3955U, 2-Core, 2.0GHz processor
<b>System Memory</b>	2 x 260-Pin DDR4 2133MHz SO-DIMM up to 32 GB
<b>I/O Chip</b>	EC ITE IT8528E
<b>Watchdog Timer</b>	H/W Reset, 1sec. ~ 65535min. and 1sec. or 1min./step
<b>H/W Status Monitor</b>	Monitoring CPU & System Temperature and Voltage
<b>SBC</b>	EMX-SLUP
<b>SSD</b>	2 x SATA III
<b>Hard Driver Bay</b>	support 2 x 2.5" HDD/SSD
Expansion	
<b>Expansion</b>	1 x Full size PCIe X1 slot (optional for PCI, PCIe2/4/8/16 full size slot) 1 x M.2 Type B 3042/2242/2260/2280, 1 x M.2 Type A 1 x SD card slot Supports SD/ SDHC Card 1 x SIM card slot
Storage	
<b>Storage</b>	2 x 2.5" Drive Bay (7mm HDD Restricted)
I/O	
<b>USB</b>	4 x USB 3.0
<b>SATA</b>	2 x SATA III
<b>COM Port</b>	2 x RS232 2 x RS232/422/485
<b>HDMI</b>	1 x HDMI
<b>Display Port</b>	2 x Display port
<b>Other</b>	3 x Knockouts for Antenna Mounting
Display	
<b>Chipset</b>	Intel® Skylake SoC integrated Graphics Supports optional dual display
<b>Resolution</b>	DP: 4096 x 2160 @ 60Hz (1 x HDMI/DP, 1 x DP++) HDMI: 3840 x 2160 @ 30Hz
Audio	
<b>Chipset</b>	Realtek ALC892 supports 2-CH
<b>Audio Interface</b>	Mic-in, Line-out
<b>Speaker Output</b>	2 x 2W
Ethernet	
<b>Chipset</b>	1 x Intel® I211AT 1 x Intel® I219LM
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>LAN Port</b>	2 x RJ-45
Mechanical & Environmental	
<b>Power Type</b>	AT/ATX (ATX is default setting)
<b>Operating Temp</b>	-10°C ~ 50°C (14°F ~ 122°F)
<b>Storage Temp</b>	-20°C ~ 60°C (-4°F ~ 140°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Weight</b>	6 Kgs
<b>Mounting Kit</b>	Wall / Stand / VESA 75mm x 75mm, 100mm x 100mm



<b>IP Rating</b>	Front IP65
<b>Vibration Test</b>	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
<b>Shock Test</b>	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
<b>System Fan</b>	Fanless
<b>Construction - Front</b>	Metal with Cover lens
<b>Construction - Rear</b>	Metal & Aluminum
<b>Dimension</b>	350 x 274.5 x 87.5 mm
<b>Certifications</b>	
<b>Certification Information</b>	CE FCC Class B
<b>Software Support</b>	
<b>OS Information</b>	Win 7 / 8.1 / 10 / Linux
<b>Power Requirement</b>	
<b>Power Connector</b>	Lockable DC Jack 2 pin Phoenix terminal block
<b>Power Requirement</b>	+12V ~ +24V
<b>Adapter</b>	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter
<b>Panel</b>	
<b>LCD Size</b>	15", 4:3
<b>Display Type</b>	XGA
<b>Resolution</b>	1024 x 768
<b>Pixel pitch</b>	0.297mm(H) x 0.297mm(V)
<b>Luminance</b>	400 cd/m <sup>2</sup>
<b>Contrast ratio</b>	700
<b>Viewing angle</b>	70 (U), 70 (D), 80 (L), 80 (R)
<b>Response time</b>	16 ms
<b>Backlight</b>	LED
<b>Touch Type</b>	Projective Capacitive Multi-Touch up to 10 points
<b>Touch Light Transmission</b>	89 %
<b>Touch Controller</b>	USB touch (EETI)