



## ARC-1732

17" 6th Gen Intel® ULT Core™ Processor i7/i5/i3  
Fanless Rugged Touch Panel PC with IET  
Expansion

- > Onboard 6th Gen Intel® ULT Core™ i5 6300U 2.40GHz BGA Processor
- > Full Flat Front Panel with Projected Capacitive Touch Supports Multi Touch
- > One SODIMM sockets supports up to 16GB DDR4 2133 SDRAM
- > 4 USB3.0, 2 COM
- > Dual Intel Gigabit LAN
- > Wide Voltage +12V ~ +26V Input, ErP Power
- > Available Expansion for Audio, USB, COM, HDMI, PCIe, GPIO, CAN Bus
- > IP65 Compliant Front Panel, IP41 Rear Box
- > With Panel Mount kits included
- > TPM 1.2 Function (Optional)

### + Spec

#### -System Information-

<b>Processor</b>	6th Gen Intel® Core™ i5-6300U, 2-Core, 2.4GHz processor
<b>System Memory</b>	1 x 260-Pin DDR4 2133MHz SO-DIMM up to 16 GB
<b>I/O Chipset</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>	ARC-SKLU

#### Expansion

<b>Expansion</b>	1 x Mini PCIe Support mSATA 1 x 80-pin IET interface
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#### Storage

<b>Storage</b>	1 x 2.5" Drive Bay (7mm HDD Restricted)
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#### Panel

<b>LCD Size</b>	17" SXGA
<b>Display Type</b>	SXGA
<b>Resolution</b>	1280 x 1024
<b>Pixel pitch</b>	0.264mm(H) x 0.264mm(V)
<b>Luminance</b>	350 cd/m <sup>2</sup>
<b>Contrast ratio</b>	800
<b>Viewing angle</b>	60 (U), 80 (D), 80 (L), 80 (R)
<b>Response time</b>	30 ms
<b>Backlight</b>	TFT-LCD
<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)

#### I/O

<b>USB Port</b>	4 x USB 3.0
<b>COM Port</b>	1 x RS-232/422/485 1 x RS-232
<b>SATA</b>	1 x SATA III
<b>Other</b>	3 x Knockouts for Antenna Mounting

#### Display

<b>Graphic Chipset</b>	Intel® Skylake SoC integrated Graphics Supports optional dual display
<b>Spec. &amp; Resolution</b>	HDMI: Max. resolution 4096x2160 @ 24Hz (Optional by IET module)

#### Audio

<b>Audio Codec</b>	Realtek ALC888S
<b>Speaker Output</b>	2 x 2W

#### Certifications

<b>Certification Information</b>	CE FCC Class B
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#### Ethernet

<b>LAN 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

#### Power Requirement

<b>DC Input</b>	+12V ~ +26V
<b>DC Input Connector</b>	Lockable DC Jack



<b>Adapter</b>	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter
<b>Mechanical &amp; Environmental</b>	
<b>Operating Temperature</b>	-10°C ~ 50°C (14°F ~ 122°F)
<b>Storage Temperature</b>	-20°C ~ 60°C (-4°F ~ 140°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Weight</b>	5.2 Kgs
<b>Vibration Test</b>	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 1hr/axis
<b>Shock Test</b>	Operating with SSD/CFast/mSATA : IEC 60068-2-27 Testing procedures, functional shock=20G
<b>IP Rating</b>	Front IP65 Rear IP41
<b>Mounting Kit</b>	Wall / Stand / VESA 75mm x 75mm, 100mm x 100mm Panel Mount with mounting kits
<b>Power Mode</b>	AT/ATX (ATX is default setting)
<b>System Fan</b>	Fanless
<b>Construction - Front</b>	Die Casting with Cover lens
<b>Construction - Rear</b>	Black Die Casting
<b>Dimension</b>	392.5 x 325.1 x 59.5 mm
<b>Software Support</b>	
<b>OS Information</b>	Win 7/10 , Linux
<b>Ordering Information</b>	
<b>Ordering Information</b>	<p>ARC-1732-630-B2-1R 17" 1280x1024 Industrial Touch Panel PC, ErP Design, PCAP Multi Touch 6th Gen Intel Core i5 6300U 2.4GHz CPU/2GLAN/2COM/4USB/SPK/12~26V input/12V Adapter</p> <p>Optional IET Module list:</p> <p>ACC-ARC-USB-1R 4 x USB 3.0 Kit for ARC Series</p> <p>ACC-ARC-AUDIO-1R HDMI + 5.1 CH Audio Kit for ARC Series</p> <p>ACC-ARC-MPCIE-1R HDMI + MPCIE w/SIM Kit for ARC Series</p> <p>ACC-ARC-COM-1R 2 x Isolated RS-232 Kit for ARC Series</p> <p>ACC-ARC-COM-2R 3 x RS-232 Kit for ARC Series</p> <p>ACC-ARC-COM-3R 2 x RS-232 + USB Kit for ARC Series</p> <p>ACC-ARC-COM-4R 2 x RS-232 + LAN Kit for ARC Series</p> <p>ACC-ARC-GPIO-1R 12-bit GPIO + 2-pin CAN Bus Kit for ARC Series</p> <p>ACC-ARC-OBDDI-1R OBDDI - CAN Bus Kit for ARC Series (OBDDI/EOBD for Small Vehicle)</p> <p>ACC-ARC-OBDDI-2R OBDDI - CAN Bus Kit for ARC Series (J1939J1708 for Large Vehicle)</p> <p>ACC-ARC-OBDDI-3R OBDDI - CAN Bus Kit for ARC Series (ISO15765-4 for Special Large Vehicle)</p> <p>E1702031833R USA Power Cord E1702031000R EU Power Cord E1702031834R Japan Power Cord E1702031830R UK Power Cord E1702031831R Australia Power Cord</p>