



ARC-1532

15" 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
- > One SODIMM sockets supports up to 16GB DDR4 2133 SDRAM
- > 4 USB3, 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
- > 5-wire Resistive Touch
- > TPM 1.2 Function (Optional)

+ Spec

| System Information | |
|---------------------------|--|
| Processor | 6th Gen Intel® Core™ i5-6300U, 2-Core, 2.4GHz processor |
| System Memory | 1 x 260-Pin DDR4 2133MHz SO-DIMM up to 16 GB |
| I/O Chipset | EC ITE IT8528E |
| Watchdog Timer | H/W Reset, 1sec. ~ 65535min. and 1sec. or 1min./step |
| H/W Status Monitor | Monitoring CPU & System Temperature and Voltage |
| SBC | ARC-SKLU |
| Expansion | |
| Expansion | 1 x Mini PCIe Support mSATA 1 x 80-pin IET interface |
| Storage | |
| Storage | 1 x 2.5" Drive Bay (7mm HDD Restricted) |
| Panel | |
| LCD Size | 15", 4:3 |
| Display Type | XGA |
| Resolution | 1024 x 768 |
| Pixel pitch | 0.297mm(H) x 0.297mm(V) |
| Luminance | 500 cd/m ² |
| Contrast ratio | 2500 |
| Viewing angle | 88 (U), 88 (D), 88 (L), 88 (R) |
| Response time | 16 ms |
| Backlight | LED |
| Touch Type | 5 Wires resistive |
| Touch Light Transmission | 80 % |
| Touch Controller | Onboard USB touch (PenMount) |
| I/O | |
| USB Port | 4 x USB 3.0 |
| COM Port | 1 x RS-232/422/485 1 x RS-232 |
| SATA | 1 x SATA III |
| Other | 3 x Knockouts for Antenna Mounting |
| Display | |
| Graphic Chipset | Intel® Skylake SoC integrated Graphics Supports optional dual display |
| Spec. & Resolution | HDMI: Max. resolution 4096x2160 @ 24Hz (Optional by IET module) |
| Audio | |
| Audio Codec | Realtek ALC888S |
| Speaker Output | 2 x 2W |
| Certifications | |
| Certification Information | CE FCC Class B |
| Ethernet | |
| LAN Chipset | 1 x Intel® I211AT 1 x Intel® I219LM |
| Ethernet Interface | 10/100/1000 Base-Tx GbE compatible |
| LAN Port | 2 x RJ-45 |
| Power Requirement | |
| DC Input | +12V ~ +26V |
| DC Input Connector | Lockable DC Jack |



| | |
|---------------------------------------|--|
| Adapter | Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter |
| 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 | 3.7 Kgs |
| Vibration Test | With SSD/mSATA : 5Gms, IEC 60068-2-64, Random, 5 ~ 500Hz, 1hr/axis |
| Shock Test | Operating with SSD/CFast/mSATA : MIL-STD-810G, Method 516.6, Procedure I, functional shock=20G |
| IP Rating | Front IP65 Rear IP41 |
| Mounting Kit | Wall / Stand / VESA 75mm x 75mm, 100mm x 100mm |
| Power Mode | AT/ATX (ATX is default setting) |
| System Fan | Fanless |
| Construction - Front | Silver Aluminum |
| Construction - Rear | Black Die Casting |
| Dimension | 350 x 274 x 49.8 mm |
| Software Support | |
| OS Information | Win 7/ 8.1 / 10 / Linux |
| Ordering Information | |
| Ordering Information | <p>ARC-1532-630-A2R 15" 1024x768 Industrial Touch Panel PC, ErP Design 6th Gen Intel Core i5 6300U 2.4GHz CPU/4G DDR4/2GLAN/2COM/4USB/SPK/12~26V input/12V Adapter</p> <p>ARC-1532-WMB-A2R 15" 1024x768 Industrial Touch Panel PC, ErP Design/ Back panel Mount 6th Gen Intel Core i5 6300U 2.4GHz CPU/4G DDR4/2GLAN/2COM/4USB/SPK/12~26V input/12V Adapter</p> <p>ARC-1532-630-A1-1R(RS 2 inside) 15" 1024x768 Industrial Touch Panel PC, ErP Design 6th Gen Intel Core i5 6300U 2.4GHz CPU/4G DDR4/128GB SSD/2GLAN/2COM/4USB/SPK/12~26V input/12V Adapter/Win10</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-OBDI-1R OBDI - CAN Bus Kit for ARC Series (OBDI/EObD for Small Vehicle)</p> <p>ACC-ARC-OBDI-2R OBDI - CAN Bus Kit for ARC Series (J1939J1708 for Large Vehicle)</p> <p>ACC-ARC-OBDI-3R OBDI - CAN Bus Kit for ARC Series (ISO15765-4 for Special Large Vehicle)</p> |