



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 USB, 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 | |
|----------------------------|--|
| 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 Chip | EC ITE IT8528E |
| Watchdog Timer | H/W Reset, 1sec. ~ 65535min. and 1sec. or 1min./step |
| H/W Status Monitor | Monitoring SYSTEM Temperature and Voltage with Auto Throttling Control |
| SBC | ARC-SKLU |
| Expansion | |
| Expansion | 1 x Mini PCIe Support mSATA 1 x Optional 80-pin Expansion |
| Storage | |
| Storage | 1 x 2.5" Drive Bay (7mm HDD Restricted) |
| I/O | |
| USB | 4 x USB 3.0 |
| SATA | 1 x SATA III |
| COM Port | 1 x RS-232/422/485 (Factory Optional) 1 x RS-232 |
| Other | 1 x WiFi 3 x Knockouts for Antenna Mounting |
| Display | |
| Chipset | Intel® Skylake SoC integrated Graphics Supports optional dual display |
| Resolution | HDMI: Max. resolution 4096x2160 @ 24Hz |
| Audio | |
| Chipset | Realtek ALC892 |
| Audio Interface | Speaker Out |
| Speaker Output | 2 x 1W |
| 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 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 | 3.7 Kgs |
| Mounting Kit | Wall / Stand / VESA 75mm x 75mm, 100mm x 100mm |
| Vibration Test | With SSD/mSATA : 5Grms, 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 |
| System Fan | Fanless |
| Construction - Front | Silver Aluminum |
| Construction - Rear | Black |
| Dimension | 350 x 274 x 49.8 mm |
| Certifications | |
| Certification Information | CE FCC Class B |
| Software Support | |



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|---------------------------------|--|
| OS Information | Win 8.1 Win 10 Linux |
| Power Requirement | |
| Power Connector | Lockable DC Jack |
| Power Requirement | +12V ~ +26V |
| Adapter | Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter |
| Panel | |
| LCD Size | 15", 4:3 |
| Display Type | XGA |
| Resolution | 1024 x 768 |
| Pixel pitch | 0.297mm(H) x 0.297mm(V) |
| Luminance | 400 cd/m ² |
| Contrast ratio | 700 |
| Viewing angle | 70 (U), 70 (D), 80 (L), 80 (R) |
| Response time | 16 ms |
| Backlight | LED |
| Touch Type | 5 Wires resistive |
| Touch Light Transmission | 80 % |
| Touch Controller | Onboard USB touch (PenMount) |

+ Ordering

ARC-1532-630-A1R
Intel 6th Gen ULT Core i5-6300U 2.4GHz/4G DDR4/2GLAN/2COM/4USB/12~26V Input/12V Adaptor

ACC-ARC-USB-1R
4 x USB3.0 module

ACC-ARC-AUDIO-1R
HDMI + Audio (Line out, Line in, Mic in)

ACC-ARC-MPCIE-1R
HDMI + Mini PCIe (w/ SIM slot)

ACC-ARM-D29R
ARM A800B VESA standard 75*75 & 100*100mm