



AID-173SHW

17.3" 4th Gen Intel® ULT Core™ Processor i7/i5/i3
Fanless Medical Touch Panel PC with Full HD

- ▶ 17.3" 16:9 1080P Display and Touch Panel
- ▶ Onboard 4th Gen Intel® ULT Core™ i5 4300U 1.9GHz BGA Processor
- ▶ Choose Among Resistive Touch Panel and Projected Capacitive Touch Panel
- ▶ Optional TV Function
- ▶ Advanced VOIP Handset with Barcode Scanner
- ▶ Medical Supporting Peripherals (MSR/ SCR/ RFID/ Barcode Scanner)
- ▶ Anti-Microbial Finish
- ▶ IP-65 on Front Panel Protection
- ▶ System Fanless Design
- ▶ Dimensions: 448 (L) x 281 (H) x 45 (D) mm
- ▶ Light Weight 4.7Kg

+ Spec

System	
Processor	Intel® Core™ i7/ i5/ i3 Processor
System Chipset	Intel® QM87 Express Chipset
System Memory	1 x204-Pinup to 8 GB
Watchdog Timer	H/W Reset, 1sec. ~ 65535min.
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	AID-173SHW
Expansion	
Expansion	2 xMini PCIe 1 xMini PCIe Supports mSATA
Storage	
Storage	1 x 2.5" Drive Bay
I/O	
USB	1 xUSB 3.0 3 xUSB 2.0
SATA	1 xSATA III
Com Port	1 xRS-232 1 xRS-232/422/485
Other	1 xHDMI Input 1 xHDMI Output 1 xEarphone 1 xMic
Display	
Chipset	Intel® QM87 Chipset Integrated Supports triple display
Resolution	VGA:Max. resolution 2048x1536 LVDS:Max. resolution 1920x1200
Audio	
Chipset	Realtek ALC892
Audio Interface	Mic-In and Line-Out
Speaker Output	2 x 2W
Ethernet	
Chipset	Intel WG1218LM
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
Lan Port	1 x RJ-45
Mechanical & Environmental	
Operating Temp	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-20 ~ 65°C (-4 ~ 149°F)
Operating Humidity	20% ~ 80%
Weight	4.7Kgs
Dimension (L x W x H)	505 x 336 x 54.5mm

Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With CF/SSD : 10Gms, IEC 60068-2-27, Half Sine, 11ms
System Fan	Fanless
Construction - Front	White Plastic
Construction - Rear	White Plastic
Finishing	Anti-microbial
Certifications	
Certification Information	CE FCC Class B
Software Support	
OS Information	Win 7 Win 8 Linux
Ordering Information	
Ordering Information	AID-173SHW01-S01R Resistive Touch/Intel® Core™ i7-4650U Processor/32GB SSD/2GB DDR3 Memory/MSR/SCR/RFID/Handset/19V Adapter
	AID-173SHW01-S02R PCap Touch/Intel® Core™ i7-4650U Processor/32GB SSD/2GB DDR3 Memory/MSR/SCR/RFID/Handset/19V Adapter
	AID-173SHW02-S01R Resistive Touch/Intel® Core™ i5-4300U Processor/32GB SSD/2GB DDR3 Memory/MSR/SCR/RFID/Handset/19V Adapter
	AID-173SHW02-S02R Pcap Touch/Intel® Core™ i5-4300U Processor/32GB SSD/2GB DDR3 Memory/MSR/SCR/RFID/Handset/19V Adapter
	AID-173SHW03-S01R Resistive Touch/Intel® Core™ i3-4010U Processor/32GB SSD/2GB DDR3 Memory/MSR/SCR/RFID/Handset/19V Adapter
	AID-173SHW03-S02R PCap Touch/Intel® Core™ i3-4010U Processor/32GB SSD/2GB DDR3 Memory/MSR/SCR/RFID/Handset/19V Adapter
Power Requirement	
Power Connector	DC Jack
Power Requirement	+12V ~ +19V
Power Mode	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240 Vac / 50~ 60Hz; Output 65W Adapter (19V / 3.43A Adapter)
Panel	
LCD Size	17.3"
Display Type	Full HD
Resolution	1920x1080
Pixel pitch	0.1989 (H) x 0.1989 (V) mm
Luminance	300 Cd/m2
Contrast ratio	500~650
Viewing angle	Horizontal 60-70; Vertical 50-60 Deg.
Response time	TR 2-8 ms; TF 6-12 ms
Backlight	LED
Touch Type	5 Wires resistive & Projective Capacitive
Touch Light Transmission	80% +/- 3%
Touch Controller	Onboard USB touch (EETI)

Ordering

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Resistive Touch/Intel® Core™ i7-4650U Processor/32GB SSD/2GB DDR3
Memory/MSR/SCR/RFID/Handset/19V Adapter

AID-173SHW01-S02R
PCap Touch/Intel® Core™ i7-4650U Processor/32GB SSD/2GB DDR3 Memory/MSR/SCR/RFID/Handset/19V
Adapter

AID-173SHW02-S01R
Resistive Touch/Intel® Core™ i5-4300U Processor/32GB SSD/2GB DDR3
Memory/MSR/SCR/RFID/Handset/19V Adapter

AID-173SHW02-S02R
Pcap Touch/Intel® Core™ i5-4300U Processor/32GB SSD/2GB DDR3 Memory/MSR/SCR/RFID/Handset/19V
Adapter

AID-173SHW03-S01R
Resistive Touch/Intel® Core™ i3-4010U Processor/32GB SSD/2GB DDR3
Memory/MSR/SCR/RFID/Handset/19V Adapter

AID-173SHW03-S02R
PCap Touch/Intel® Core™ i3-4010U Processor/32GB SSD/2GB DDR3 Memory/MSR/SCR/RFID/Handset/19V

