

# Specifications

## DESKTOP MICRO-PC ACTIVE COOLED

Model: A1touch-V4-2-i7-7500U Black



**A1Touch Solution BV**

Hogeweg 21  
NL-6367 BA Voerendaal  
The Netherlands

☎ : +31-(0)45 574 81 90

☎ : +31-(0)45 574 81 91

✉ : [info@A1TouchSolution.nl](mailto:info@A1TouchSolution.nl)

🌐 : [www.A1TouchSolution.nl](http://www.A1TouchSolution.nl)

# Specifications

## Processor

Type	i7-7500U, Kaby Lake, FCBGA1356
Cores	64-bit 2 core, 4 thread
Clock speed	2.7 up to 3.5 Ghz
Cache	4 Mb smartCache
TDP	7.5 - 25W
Chipset	Intel Kaby Lake

## Memory

Supported	2x SO-DIMM DDR4-2133/2400 memory slots
Installed	Up to 32GB (2x 16GB) DDR4-2133/2400 None; option 1*4, 2*4, 1*8, 2*8, 1*16, 2*16 Gb

## Storage

Supported	No SATA (pc too small for 2.5"ssd/hd)
Installed mSATA SSD	1x PCIe slot, M2 cards up to 6 Gbps (SATA 3.0) None, Option: 120, 240, 500, 1000 Gb

## Graphics

GPU	Intel® HD Graphics 620 Base Frequency 300 Mhz Graphics Max Dynamic Frequency 1.05 Ghz Graphics Video Max Memory 32 GB
Display Interface 1	HDMI 1.4 up to 4096x2304@24Hz
Display Interface 2	Mini Display port up to 4096x2304@60Hz
Supported:	Dual display mode supported 4K/ 3D blue ray mode supported DirectX* Support: 12 OpenGL* Support 4.4 Intel® Quick Sync Video Intel® InTru™ 3D Technology Intel® Flexible Display Interface (Intel® FDI) Intel® Clear Video HD Technology Intel® Wireless Display Intel® Insider™

## Audio

Codec	Realtek High Definition Audio Azalia Codec support 2.1 channel output
Audio Input/Output	1X Headphone-out/ MIC-in phone jack

## Networking

LAN	1x GbE LAN ports: LAN1: Onboard RTL8168E PCI-E Gigabit Ethernet NIC
installed Wireless/ Bluetooth	Built in wifi-bluetooth (on M2 socket) Realtek RTL8821AE 80211 a/b/g/n/ac-BT Combo

## Connectivity

USB	2x USB 3.0 2x USB 2.0
Serials	-
Special ports/connections	-
Expansion	1* Half-size M2 socket (occupied now for Wifi)

## Advanced Technologies

Intel® Turbo Boost Technology 2.0  
Intel® Hyper-Threading Technology  
Intel® Virtualization Technology (VT-x)  
Intel® Virtualization Technology for Directed I/O (VT-d)

	<p>Intel® VT-x with Extended Page Tables (EPT)  Intel® 64  Idle States  Enhanced Intel SpeedStep® Technology  Thermal Monitoring Technologies  Instruction Set Extensions: SSE4.1/4.2, AVX 2.0  Intel® HD Audio Technology  Intel® Identity Protection Technology  Intel® Rapid Storage Technology  Intel® Smart Connect Technology</p>
Special Functionality	<p>Auto-On  Wake-on-LAN  Wake-on-Timer  PXE Boot  Watchdog</p>
<b>Bootloader</b>	
Vendor	AMI (American Megatrends)
Features	<p>ACPI supported  UEFI 2.4 supported  support call on function automatically</p>
<b>Operating System</b>	
Supported	<p>Windows 7/8/10, 32-bit and 64-bit  Windows Server 2012/ 2016  Linux 32-bit and 64-bit  Embedded OS</p>
Official Linux Installed	<p>Linux Ubuntu 16.04 LTS (64-bit)  None, Optional</p>
<b>Operating Conditions</b>	
Input Voltage	DC 19V
Power Consumption	6W – 15W, Idle: 0.5W
Storage Temperature	-20°C~80°C
Operating Temperature	0°C – 70°C
Humidity	10%-90%
<b>Enclosure</b>	
Material	Full Aluminum enclosure, black or silver anodized
Cooling	Passive Cooling Fanless Design
Dimensions (WxDXH)	108x113x30MM
Weight computer	388 gramm
Weight total package	1076 gramm
<b>Certifications</b>	
Documents	CE, FCC, ROHS
<b>Package</b>	
In the Box	<ol style="list-style-type: none"> <li>1. Computer</li> <li>2. Power supply: input 100-240VAC 50/60Hz, 60W output 12VDC 5A, EU power cable (UK or USA on request)</li> <li>3. Audio 3.5mm cable (option)</li> <li>4. WiFi 2.4GHz/5GHz band 2 antennas (wifi option)</li> <li>5. Vesa bracket</li> </ol>
Warranty	2 years bring-in