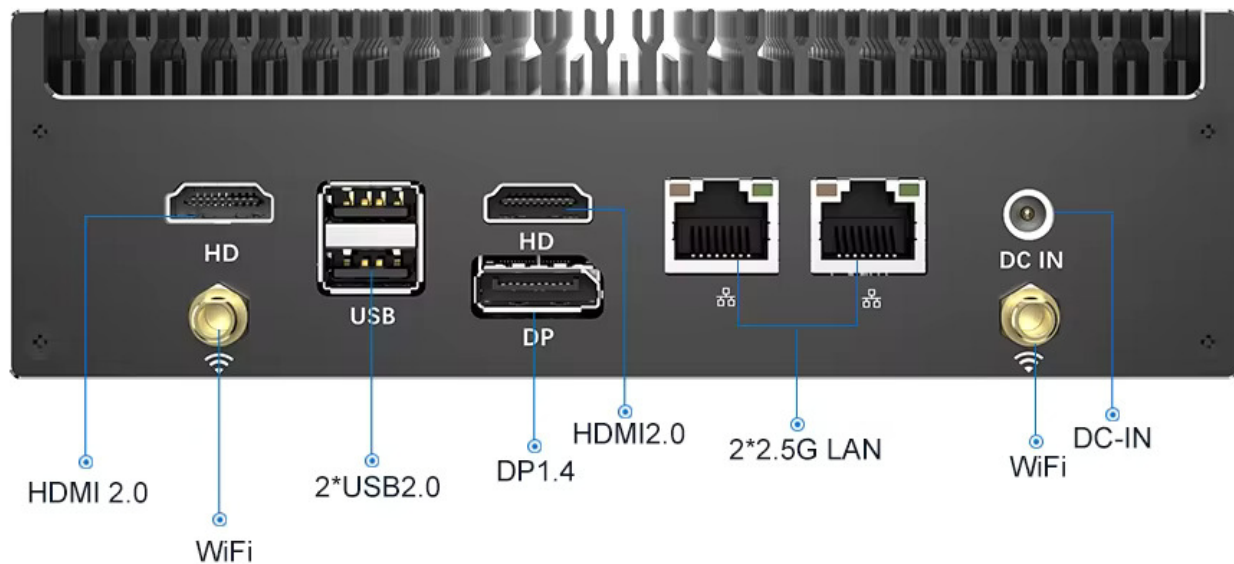
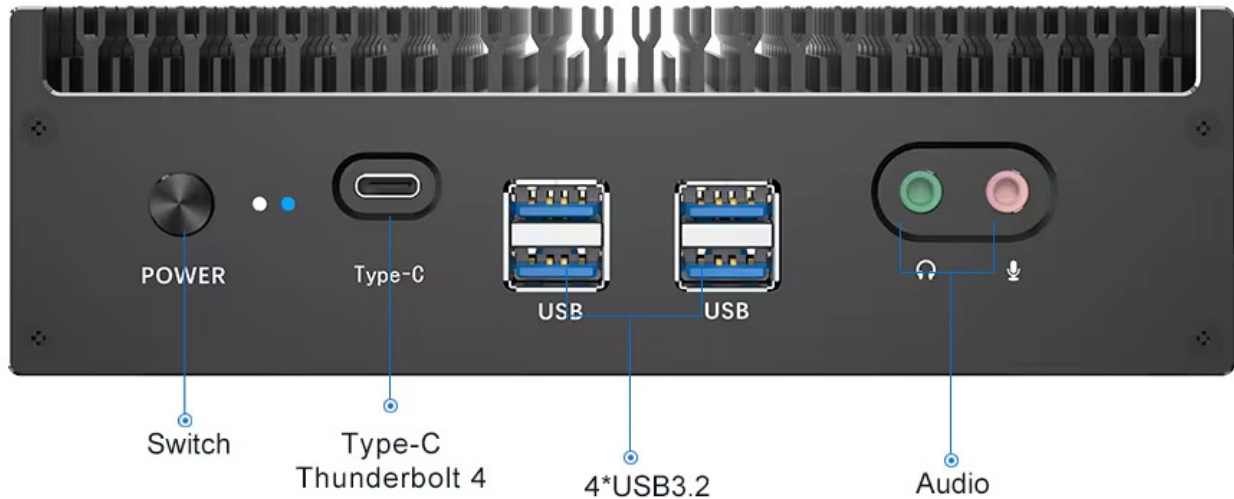


Specifications

MICRO-PC PASSIVE COOLED

Model: A1touch-V4-2-i7-1355U Black



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Specifications

Processor

Type	i7-1355U, Raptor Lake
Cores	64-bit 10 cores, 12 threads
Clock speed	3.7 up to 5.0 Ghz
Cache	12 Mb smartCache
TDP	15W
Chipset	Intel Raptor Lake

Memory

Supported	2x SO-DIMM DDR5 memory slots Up to 64GB (2x 32GB) DDR5-3200Mhz
Installed	None; option 1*4, 2*4, 1*8, 2*8, 1*16, 2*16 Gb

Storage

Supported	1x 7mm 2.5'' SATA3.0 HDD/SSD 1xM.2 2280 PCIE 4.0x4 1xM.2 2280 PCIE 3.0x4/SATA
Installed mSATA SSD	None, Option: 120, 240, 500, 1000 Gb

Graphics

GPU	Intel® Iris® Xe Graphics eligible Base Frequency 300 Mhz Graphics Max Dynamic Frequency 1.3 Ghz
Display Interface 1+2	HDMI 2.0 up to 4096x2304@60Hz
Display Interface 3	Display port up to 4096x2304@120Hz
Supported:	Dual display mode supported 4K/ 3D blue ray mode supported DirectX* Support: 12.1 OpenGL* Support 4.6 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	2x 2.5GbE LAN ports: Onboard Intel i225/i226 2.5 Gigabit Ethernet NIC
installed Wireless/ Bluetooth	Built in wifi-bluetooth (on M2 socket) RTL8822CE Wireless NIC dual-band 802.11ac 1200Mbps M2 Wifi card + 5.0 Bluetooth

Connectivity

USB	4x USB 3.2 + 2x USB 2.0 1x Type-C (Support Thunderbolt 4)
Serials	-
Special ports/connections	-
Expansion	1* Half-size M2 -PCIe socket

Advanced Technologies

Intel® Hyper-Threading Technology
Intel® Virtualization Technology (VT-x)
Intel® Virtualization Technology for Directed I/O (VT-d)
Intel® VT-x with Extended Page Tables (EPT)
Intel® 64

	<p>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 Auto-On Wake-on-LAN Wake-on-Timer PXE Boot Watchdog</p>
Special Functionality	
Bootloader	
Vendor	AMI (American Megatrends)
Features	ACPI supported UEFI 2.4 supported support call on function automatically
Operating System	
Supported	Windows 7/8/10/11/ 10IOT2021, 11IOT2024, 32-bits and 64-bits Windows Server 2012/ 2016 Linux 32-bit and 64-bit Embedded OS
Official Linux Installed	Linux Ubuntu 22.04 LTS (64-bits) None, Optional
Operating Conditions	
Input Voltage	DC 19V
Power Consumption	12W – 55W, Idle: 1W
Storage Temperature	-30°C~70°C
Operating Temperature	-20°C – 60°C
Humidity	10-90%
Enclosure	
Material	Full Aluminum enclosure, black anodized
Cooling	Passive Cooling Fanless Design
Dimensions (WxDXH)	170x126x51 mm
Weight computer	1000 gramm
Weight total package	1500 gramm
Certifications	
Documents	CE, FCC, ROHS
Package	
In the Box	<ol style="list-style-type: none"> 1. Computer 2. Power supply: input 100-240VAC 50/60Hz, 60W output 12VDC 5A, EU power cable (UK or USA on request) 3. Audio 3.5mm cable (option) 4. WiFi 2.4GHz/5GHz band 2 antennas (wifi option) 5. Vesa bracket
Warranty	2 years bring-in