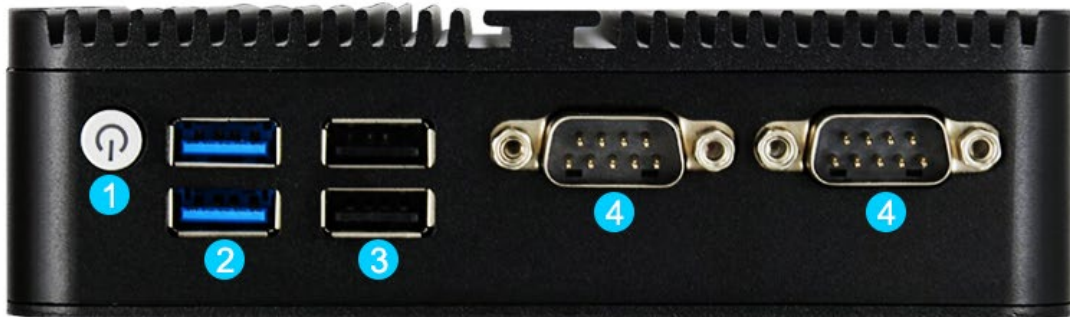


# Specifications

## MINI-PC PASSIVE COOLED

Model: A1touch-V5-3-Celeron-J6412

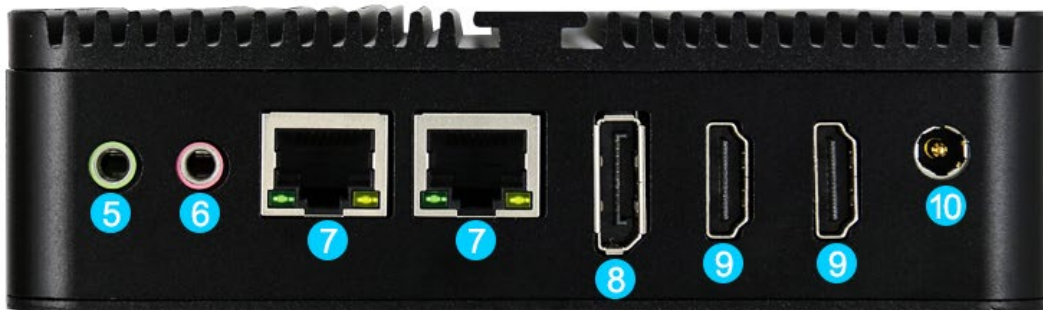


1 Power On/Off Switch

2 2 x USB3.0

3 2 x USB2.0

4 2 x DB9 RS232 COM



5 SPK

6 MIC

7 2 x RJ45 Giga LANs

8 DP 1.2

9 2 x HD 1.4

10 12V DC In



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# Specifications

## Processor

Type	Celeron J6412, Elkhart Lake
Cores	64-bit Quad Core, 4 Threads
Clock speed	2 Ghz upto 2.6 Ghz
Cache	1.5 Mb Cache
TDP	6 W
Chipset	integrated

## Memory

Supported	1x SO-DIMM DDR4 memory slot Up to 32Gb
Installed	None; option 1*4, 1*8 Gb

## Storage

Supported	1x M.2 slot for NVME 2280 SSD 1x mSATA slot up to 6 Gbps (SATA 3.0)
Installed mSATA SSD	None, Option: 60, 120, 240, 480 Gb
Installed SATA SSD	None, option: SSD: 120, 240, 480, 960 Gb

## Graphics

GPU	Intel UHD Graphics Base Frequency 400 Mhz Graphics Max Dynamic Frequency 800 MHz Graphics Video Max Memory 16 GB
Display Interface 1	HDMI 1.4a up to 4K
Display Interface 2	HDMI 1.4a up to 4K
Supported:	3 display mode.

## Audio

Codec	Intel High Definition Audio Controller
Audio Output	Analog stereo output 3.5mm jack
Audio Input	Analog stereo Microphone input 3.5mm jack

## Networking

LAN	2x GbE LAN ports 10/100Mbps/1000Mbps BaseT LAN LAN1: Realtek 811H Gigabit Ethernet Controller LAN2: Realtek 811H Gigabit Ethernet Controller
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## Wireless/ Bluetooth

Qualcomm Atheros AR956x + Bluetooth via mini PCIe dual antenna (option)

## Connectivity

USB	2x USB 3.0 2x USB 2.0
Serials	2x RS232 COM
Expansion	1x M.2 2230 slot for Wi-Fi & Bluetooth

## Advanced Technologies

Intel® Virtualization Technology (VT-x)  
Intel® Virtualization Technology for Directed I/O (VT-d)  
Idle States  
Intel® HD Audio Technology  
Secure Boot

## Special Functionality

Auto-On

	Wake-on-LAN PXE Secure Boot Watchdog
<b>Bootloader</b>	
Vendor	AMI (American Megatrends)
Features	ACPI supported UEFI 2.4 supported support call on function automatically
<b>Operating System</b>	
Supported	Windows 7/8/10/11/ 10IOT ent 2021, 32-bits and 64-bits Windows Server 2012/ 2016 Linux 32-bit and 64-bit Embedded OS
Installed	None, Optional
<b>Operating Conditions</b>	
Input Voltage	DC 12V (Option: Wide range 4-30VDC and aviation plug)
Power Consumption	6W – 15W, Idle: 2.6W
Storage Temperature	-20°C~80°C
Operating Temperature	HDD models: 0°C – 50°C SSD models: 0°C – 70°C
Humidity	10%-85%
<b>Enclosure</b>	
Material	Full Aluminum enclosure, black anodized
Cooling	Passive Cooling Fanless Design
Dimensions (WxDXH)	135x127x39mm
Weight computer	800 gramm
Weight total package	1000 gramm
<b>Certifications</b>	
Documents	CE, FCC
<b>Package</b>	
In the Box	1. Computer 2. Power supply: input 100-240VAC 50/60Hz, 35W output 12VDC 3A, EU power cable (UK or USA on request) 3. Audio 3.5mm cable (option) 4. WiFi 2.4GHz/5GHz band 2 antennas (option wifi)  5. Vesa mount (option)
Warranty	2 years bring-in