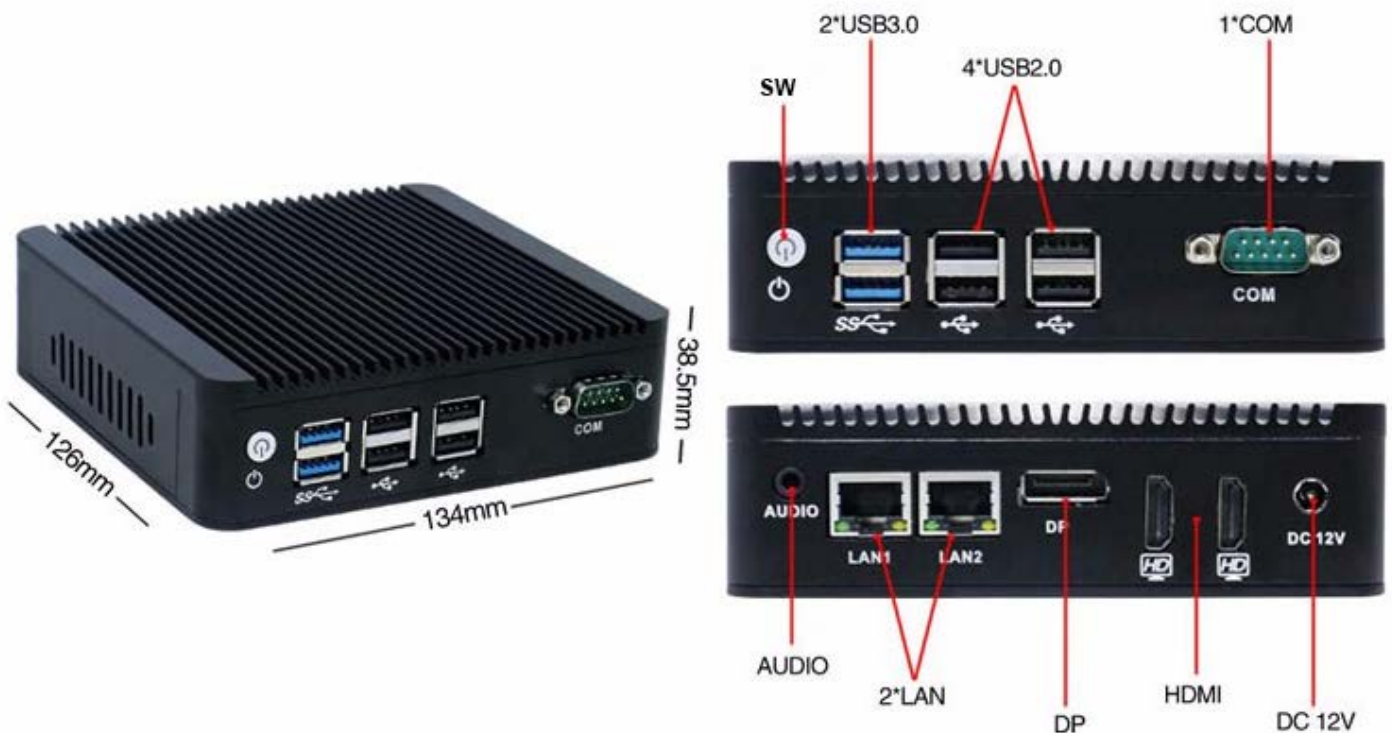


Specifications

MINI-PC PASSIVE COOLED

Model: A1touch-V5-3-Celeron-N3160



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Specifications

Processor

Type	Celeron N3160, Braswell
Cores	64-bit Quad Core, 4 Threads
Clock speed	1.6 Ghz upto 2.24 Ghz
Cache	2 Mb Cache
TDP	6 W
SDP	4 W
Chipset	integrated

Memory

Supported	1x SO-DIMM 204-pin DDR3L SDRAM memory slots Up to 8GB (1x 8GB) DDR3L-1333/1600 (1.35V only)
Installed	None; option 1*2, 1*4, 1*8 Gb

Storage

Supported	1x SATA up to 6 Gbps (SATA 3.0) for internal 2.5" HDD/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 HD Graphics 400 Base Frequency 320 Mhz Graphics Max Dynamic Frequency 640 MHz Graphics Video Max Memory 8 GB
Display Interface 1	HDMI 1.4a up to 4K
Display Interface 2	HDMI 1.4a up to 4K
Display Interface 3	DPI (Display port)
Supported:	3 display mode. DirecX* Support: 11.0 Intel® Quick Sync Video OpenGL* Support Intel® Clear Video HD Technology Intel® Clear Video Technology

Audio

Codec	Realtek high definition
Audio Output	Analog stereo output 3.5mm jack
Audio Input	Analog stereo Microphone input 3.5mm jack

Networking

LAN	2x GbE LAN port LAN1: Onboard RTL8168E PCI-E Gigabit Ethernet NIC LAN2: Onboard RTL8168E PCI-E Gigabit Ethernet NIC
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Wireless/ Bluetooth

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

Connectivity

USB	2x USB 3.0 4x USB 2.0 -
Serials	1x RS232 COM
Special ports/connections	-
Expansion	1* Half-size mini-PCIe socket (wlan)

1* Full-size mini-PCIe socket (msata)

Advanced Technologies

Intel® Virtualization Technology (VT-x)
Intel® 64
Idle States
Enhanced Intel SpeedStep® Technology
Intel® Smart Connect Technology
Auto-On
Wake-on-LAN
Wake-on-Timer
Secure Boot
Watchdog

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, 32-bit and 64-bit
Windows Server 2012/ 2016
Linux 32-bit and 64-bit
Embedded OS
Linux Ubuntu 16.04 LTS (64-bit)
None, Optional

Official Linux

Installed

Operating Conditions

Input Voltage

DC 12V

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%

Enclosure

Material

Full Aluminum enclosure, black anodized

Cooling

Passive Cooling Fanless Design

Dimensions (WxDXH)

134x126x38.5mm

Weight computer

650 gramm

Weight total package

1000 gramm

Certifications

Documents

CE, FCC

Package

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)
- 2 years bring-in

Warranty