

Specifications

MINI-PC PASSIVE COOLED

Model: A1touch-V5-1-Celeron-N2840



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Specifications

Processor

Type	Celeron N2840, Bay Trail
Cores	64-bit 2 core, 2 thread
Clock speed	2.16 Ghz upto 2.58 Ghz
Cache	1 Mb Cache
TDP	7.5 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: 30, 60, 120, 240, 480 Gb
Installed SATA HD/SSD	None, option: HD: 250, 500 Gb; SSD: 120, 240, 480 Gb

Graphics

GPU	Intel HD Graphics Base Frequency 313 Mhz Graphics Max Dynamic Frequency 750 MHz Graphics Video Max Memory 2 GB
Display Interface 1	HDMI 1.4a up to 3200x2000@60Hz
Display Interface 2	VGA (analog)
Supported:	Dual display mode supported DirecX* Support: 11.0 Intel® Quick Sync Video

Audio

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

Networking

LAN	1x GbE LAN port LAN1: Onboard RTL8168E PCI-E Gigabit Ethernet NIC LAN2: Onboard RTL8168E PCI-E Gigabit Ethernet NIC
installed Wireless/ Bluetooth	Qualcomm Atheros AR956x + Bluetooth via mini PCIe dual antenna

Connectivity

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

Advanced Technologies

	Intel® Virtualization Technology (VT-x)
	Intel® 64
	Idle States
	Enhanced Intel SpeedStep® Technology
	Intel® Smart Connect Technology
Special Functionality	Auto-On Wake-on-LAN

	Wake-on-Timer PXE Boot Watchdog
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 R2 Linux 32-bit and 64-bit Embedded OS
Official Linux Installed	Linux Ubuntu 16.04 LTS (64-bit) None, Optional
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%-90%
Enclosure	
Material	Full Aluminum enclosure, silver anodized
Cooling	Passive Cooling Fanless Design
Dimensions (WxDXH)	136x126x39mm
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, 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 (option wifi) 5. Vesa mount (option)
Warranty	2 years bring-in