

Specifications

INDUSTRIAL MINI-PC PASSIVE COOLED

Models: A1Touch-V1-i3-4030U or A1Touch-V1-i7-4510U



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Specifications

Processor

Type	i3-4030U Or i7-4510U Haswell
Cores	64-bit 2 core, 4 thread
Clock speed	i3 version: 1.9Ghz i7 version: 2 up to 3.10 Ghz
Cache	i3 version: 3 Mb smartCache i7 version: 4 Mb smartCache
TDP	15W
Chipset	Haswell Lynx Point LP

Memory

Supported	1x SO-DIMM 204-pin DDR3L SDRAM memory slots Up to 16GB (1x 16GB) DDR3L-1333/1600 (1.35V only)
Installed	None; option 1*2, 1*4, 1*8, 1*16 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 4400 (350~1050MHz) Base Frequency 200 Mhz Graphics Max Dynamic Frequency 1.1 GHz Graphics Video Max Memory 2 GB
Display Interface 1	HDMI 1.4a up to 3200x2000@60Hz
Display Interface 2	HDMI 1.4a up to 3200x2000@60Hz
Supported:	Dual display mode supported 4K mode supported DirectX* Support: 11.2/12 OpenGL* Support 4.3 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 ALC892 HIFI sound chip, 6-channel
Audio Output	Analog stereo output 3.5mm jack
Audio Input	Analog stereo Microphone input 3.5mm jack

Networking

LAN	2x GbE LAN ports: LAN1: Intel 82583V PCI-E Gigabit Ethernet NIC (RJ-45) LAN2: Intel 82583V PCI-E Gigabit Ethernet NIC (RJ-45)
installed Wireless/ Bluetooth	none, option via mini PCIe dual antenna

Connectivity

USB	4x USB 3.0 4x USB 2.0
Serials	6x RS232 COM
Special ports/connections	-
Expansion	1 * 3G SIM Card slot (option) 1* Half-size mini-PCIe socket 1* Full-size mini-PCIe/mSATA socket

Advanced Technologies

Intel® Turbo Boost Technology 2.0 (only i7 version)

	<p>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 Idle States Enhanced Intel SpeedStep® Technology Thermal Monitoring Technologies Intel® ME Firmware Version 9.5 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, 32-bit and 64-bit Windows Server 2012 R2 Linux 32-bit and 64-bit Embedded OS
Official Linux	Linux Ubuntu 16.04 LTS (64-bit)
Installed	None, Optional
Operating Conditions	
Input Voltage	DC 12V
Power Consumption	6W – 15W, Idle: 1.0W
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, black anodized
Cooling	Passive Cooling Fanless Design
Dimensions (WxDXH)	234*176*52mm (bottom), 212*176*52mm (top)
Weight computer	1500 gramm
Weight total package	2000 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, 30W output 12VDC 2.5A (i3), 5A (i7). EU power cable (UK or USA on request) 3. Audio 3.5mm cable 4. WiFi 2.4GHz/5GHz band 2 antennas (wifi option)
Warranty	2 years bring-in