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15inch all-in-one Android pos machine





一， Product Details

Display specific ation	Display size	15 inch
	Resolution	1024*768
	Panel ratio	4:3
	Dot Pitch	0.297*0.297mm

	Refresh Rate	56-75Hz
	Contrast	1000:1
	Brightness	250 cd/m2
	Response time	5ms
	Color	262. 144K
	Viewing Angle	Horizontal 160°,vertical 160°
	Display qty	2 display: 15inch main display with touch,second customer display without touch
	Touch panel	Capacitive touch G+G multi-touch
OS		Android 7.1 Version
CPU		RK3288 quad-core 32-bit ARM CoreTEX-A17 core architecture, 28nm process design, operating frequency of 1.8GHz
GPU		Mali-t764 GPU, AFBC(Frame buffering compression), OpenGL ES 1.1/2.0/3.1, OpenCL,DirectX9.3, embedded high performance 2D acceleration hardware
Graphics card		Support DirectX® 10.1 Supports HD Graphics 4000 / HD-DVD HD playback
Internal storage		2G
The Flash memory		64G
Memory expansion		Maximum support 128G TF card
Ethernet		One standard RJ45 port, 10/100 adaptive Ethernet
Wifi/blue tooth		Onboard WIFI/BT module, support WIFI 2.4ghz /5GHz (5GHz optional), supports 802.11b/G/N/AC Bluetooth 4.0 support (BLE support)
mobile network		1 built-in MINI PCI_E slot, extended connection 3G/4G module, support voice calls (module optional)
USB 2.0		7 USB Host ports (3* external standard USB sockets, 4* 2.54mm -4P sockets), used for external HD USB cameras, USB flash disk, keyboard and mouse, etc
A serial port (COM)		Four serial ports, including three TTL serial ports (multiplexed as RS232 serial ports) and one TTL debugging serial port
onboard RTC		Supports real-time clock, powered by 1220 button battery
Time switch		support

Working Humidity	10%~90%, without condensation
Working temperature	-25℃~70℃, recommend 5℃~35℃
Specification &dimension	168*88*20mm
Power Supply	5A 12V Input Power Adaptor

四、 I5 Mainboard parameters

Model No.	ITX-B430_I526L VER:1.2(4300U)
Processor	Integrated Intel®Haswell-U I5-4300U/1.9GHz dual core processor ,TDP 15W
	Compatible with Intel Celeron,Pentium,Core®I3/I5/I7 Haswell/Broadwell-U processor
Chipset	Intel®Haswell-U/Broadwell-U SOC
Memory	1* SODIMM slot,supports 1600/1333MHz DDR3L/1.35V memory, is up to 8GB
Display	Intel® HD Graphics 4400
	1* VGA,1*HDMI,1*LVDS(supports dual channels 24BIT)

	Support single display, double display mode and extended mode
Ethernet	2* RTL8111HS Gigabit Ethernet ,supports Wake on LAN/PXE function
Storage	1* SATA3.0 2.5 inch notebook hard disk
	1* 7pin SATA3.0 Hard disk interface, the transfer rate is up to 6Gbps
Audio	On board ALC887 7.1 channel high fidelity audio controller supports mic / line out
	Amplifier usage 2 Ω 5W horn
Expansion Slots	1* Mini-PCIE slot,supports WIFI/3G module
	1* MSATA slot,SSD supporting Intel protocol,the transfer rate is up to 6Gbps
	Note: If MINIPE1 needs to support 3G module, it needs to adjust relevant hardware settings, and will cause F_ USB2 only supports one USB
Backplane I / O interface	1* 12V DC JACK Power input interface
	1* HDMI
	1* VGA
	2* USB 3.0
	2* RJ-45 Gigabit Network Interface
	1* Line out interface (green)
	1* MIC interface (red)
Built in I / O interface	1* JVGA1,1*12Pin(Same signal as DB15)
	1* J_HDMI, 2*8pin(Same signal with HDMI of backplane IO interface)
	Supports 1* dual channels 24bit(dual 8)LVDS, 2*15pin
	1* LVDS Backlight power supply interface,1*6pin
	1* Screen brightness adjustment interface, 1*4pin
	1*Front audio interface, 2*5pin
	1* Front power amplifier interface, 1*4Pin
	6* USB 2.0, 2*5Pin
	6* RS232 serials ports 2*5pin ,COM1/COM2 supports the 9 th charged,COM2 supports RS485
	1* LPT,2*13pin
	1* PS/2 ,1*6Pin
	1* Hard disk power supply interface, 1*4pin
	1* SIM card slot
	1* Front panel function button and indicator light interface, 2*5pin
	1* 4pin ATX Power interface
Fan interface	1* 4pin CPU Intelligent fan interface, 1* 3pin system fan interface
GPIO	Support 4 way input / output GPIO
BIOS	AMI 64Mb Flash ROM
Watchdog	Support hardware reset function (256 levels, 0 ~ 255 seconds)
OS	Windows 7/Windows 10/Linux

Power Supply	DC_12V
Working temperature	-10℃～60℃
Storage temperature	-20℃～70℃
Working humidity	5%-95%(Relative humidity, non condensing)
Dimension	170mm x 170mm