

# AIO ITX Motherboard

R&OTECH

## Intel® 3rd Gen I3/I5 Mini-ITX Motherboard 【POS-37X-I514L VER2.0】



Intel®Core i3-3217U / Intel®Core i5-3317U/Intel®Core i5-3337U  
 Adopt Intel® HM65/NM70/HM76 express chipset  
 1\*SO-DIMM memory slot , support 1600/1333MHz DDR3L/1.35V memory ,up to 8GB  
 1\* VGA,2\*HDMI,1\*LVDS (eDP optional),1\* PCI (Optional)  
 1\* Realtek RTL8111F Gigabit Ethernet Port ( 2 x LAN optional )  
 4\* COM  
 DC 12V Power supply

### Specification

<b>Processor</b>	Intel®Core i3-3217U	Intel®Core i5-3317U	Intel®Core i5-3337U
	Dual Core 1.8GHz	Dual Core 1.7GHz (Up to 2.6GHz)	Dual Core 1.8GHz (Up to 2.7GHz)
Compatible with Intel Celeron,Pentium,Core®I3/I5/I7 Sandy /Ivy Bridge-U series processor			
<b>Chipset</b>	Adopt Intel® HM65/NM70/HM76 express chipset		
<b>Memory</b>	1*SO-DIMM memory slot, support 1600/1333MHz DDR3L/1.35V memory , up to 8GB		
<b>Display</b>	Integrated Intel 4000 graphics		
	1* VGA, 2*HDMI, 1*LVDS (eDP as option) Support VGA、HDMI、LVDS synchronous/Asynchronous display		
<b>LAN</b>	1* Realtek RTL8111F Gigabit Ethernet Port ( 2 x LAN optional ) ,Support Wake-On-LAN/PXE		
<b>Storage</b>	2* SATA2.0		
	1* mSATA3.0 (Long card )		
<b>Audio</b>	Onboard ALC662 6-channel High Fidelity Audio Controller,Support MIC/Line-out,Amplifier		
<b>Extension Slot</b>	1* Mini-PCle (Half card / Long card support ) ,WIFI/4G module supported		
	1* PCI		
<b>Back I/O</b>	1* HDMI		
	1* VGA		
	2* USB2.0 (USB2.0 also can do by RJ45)		
	2* USB2.0		
	1* RJ-45 Gigabit Ethernet Port (LAN2 can do by changed from USB2.0)		
	1* Line out(Green)、1* MIC(Red)		
<b>Inner I/O</b>	1* 12V DC Power Input		
	1* JHDMI 2*8Pin		
	1* JVGA 1*12Pin (Same signal with DB15)		
	1* LVDS 2*15pin,support dual-channel 24bit		
	1* LCD backlight Power Interface 1*6pin		
	4* USB2.0 2*5Pin (Only 3*USB2.0 supported when required the function of 4G by Mini-PCle)		
	1* Front Audio Interface 2*5pin		
	1* Amplifier 1*4pin		
	4* COM (If 6 COM ,then COM2、COM3 support RS485 as default ,COM2 support RS422 as option, The 9th of COM1/2 Support the 9th Pin charged )		
	1* LPT		
	1* PS2 1*6Pin		
<b>Fan Interface</b>	1* Harddisk Power Interface		
	1* 4pin ATX Power Interface		
	1* Frong Panel Switch Button and Indicator Interface 2*5Pin		
	1*4pin CPU Fan Interface , 1*4pin system fan interface		
<b>GPIO</b>	Support 4-way Input /Output GPIO		
<b>BIOS</b>	32Mb Flash ROM		
<b>Watchdog</b>	support hardware reset function (L256, 0~255s)		
<b>OS</b>	Windows XP/Windows 7/Windows 10/Linux		
<b>Power Supply</b>	Adopt DC 12V Power supply		
<b>Working Temp.</b>	60°C ~ -10°C		
<b>Storage Temp.</b>	-20°C ~ 70°C		
<b>Working Humidity</b>	5%-95% Relative Humidity ,Non-Condensing		
<b>Dimension</b>	170mm x 170mm		
<b>Package</b>	1*COM		

### Order Information

#	Item No.	CPU	Core	Frequency	Memory	HDMI	VGA	LVDS	EDP	LAN	USB	PS2	LPT	COM/485	POWER
1.1	POS-37X_I312L_VER1.1 (3217U)	i3-3217	2	1.8G	DDR3L	1	1	1	1	1	8	1	1	2 / 1	12V
1.2	POS-37X_I316L_VER1.1 (3217U)	i3-3217	2	1.8G	DDR3L	1	1	1	1	1	8	1	1	6/ 2	12V
1.3	POS-37X_I326L_VER1.1 (3217U)	i3-3217	2	1.8G	DDR3L	1	1	1	1	2	8	1	1	6 / 2	12V
2.1	POS-37X_I522L_VER1.1 (3317U)	i5-3317U	2	1.7G	DDR3L	1	1	1	1	2	8	1	1	2/ 1	12V
2.2	POS-37X_I516L_VER1.1 (3317U)	i5-3317U	2	1.7G	DDR3L	1	1	1	1	1	8	1	1	6/ 2	12V
2.3	POS-37X-I514L_VER.2.0 (3317U)	i5-3317U	2	1.7G	DDR3L	1	1	1	1	1	8	1	1	4	12V