

SG2042硬件适配列表

PCIe板卡

芯片型号 eg. ASM3142	用途 eg. 网卡/磁盘/USB3.0/RAID/显卡	接口类型 标准PCIe/miniPCIe/MXM	Lan数 1/2/4/8/16	PCIe版本 (GenX)	RISC-V适配 Y/N	RISC-V内核版本	RISC-V内核选项	备注
AMD RX550	显卡	标准PCIe	8	3	Y	5.19.17+	CON FIG _DR M=m CON FIG _DR M_L OAD _ED ID_ FIR MWA RE= Y CON FIG _DR M_D P_A UX_ CHA RDE V=y CON FIG _DR M_D P_C EC= Y CON FIG _DR M_R ADE ON= m CON FIG _DR M_R ADE ON_ USE RPT R=y CON FIG _DR M_A MDG PU= m CON FIG	

							<div>USE RPT R=y CON FIG _DR M_A MDG PU= m CON FIG _DR M_A MDG PU_ SI= Y CON FIG _DR M_A MDG PU_ CIK =y CON FIG _DR M_A MDG PU_ USE RPT R=y</div>
SM768	2D图像加速卡	标准PCIe	2	2	Y	5.19.17	<div><div>CON FIG _DR M_S MI= m</div><div>CON FIG _SO UND =y CON FIG _SN D=y</div></div>

Renesas uPD720201 USB 3.0 Host Controller VIA Technologies, Inc. VL805 /806 xHCI USB 3.0 Controller	USB 3.0	PCIe	1	2	Y	5.19.17	CONFIG_USB=y CONFIG_USB_AN NOUNCE_NEW DEVICES=y CONFIG_USB_DY NAMIC_MINORS =y CONFIG_USB_PCI =y CONFIG_USB_XH CI_HCD=y CONFIG_USB_XH CI_PLAT FORM=y CONFIG_USB_XH CI_PCI=y CONFIG_USB_ST ORAGE=y CONFIG_SCSI=y CONFIG_BLK_DEV _SD=y CONFIG_BLK_DEV _SR=y CONFIG_CHR_DE V_SG=y	
三星970EVO 250GB M.2 NVME+PCI-E 转接卡	NVME	PCIe			Y	5.19.17+	CONFIG_NVME_C ORE=y CONFIG_BLK_DEV _NVME=y CONFIG_NVME_F ABRICS=y CONFIG_NVME_R DMA=y CONFIG_NVME_F C=y CONFIG_NVME_T CP=y CONFIG_TRACIN G=y CONFIG_NVME_ MULTIP ATH=y CONFIG_NVM=y CONFIG_FAULT_I NJECTION_DEBU G_FS=y	

realtek r8169 网卡	网卡	PCIe	1	2	Y	5.19.17+	CONFIG_ PACKET_ DIAG=y CONFIG_ ETHOC=y CONFIG_ NET_VE NDOR_R EALTEK=y CONFIG_ R8169=y	
ASM1062	PCIe转 SATA	PCIe	1	2	Y	5.19.17+	CONFIG_ ATA CONFIG_ SATA_A HCI	
ASM2824	pcie switch	标准pcie	8	3	Y	5.19.17+		<pre> ubuntu@ubuntu:~\$ lspci 00:00.0 PCI bridge: Device 1e30:2042 01:00.0 PCI bridge: ASMedia Technology Inc. ASM2824 PCIe Gen3 P 02:00.0 PCI bridge: ASMedia Technology Inc. ASM2824 PCIe Gen3 P 02:04.0 PCI bridge: ASMedia Technology Inc. ASM2824 PCIe Gen3 P 02:06.0 PCI bridge: ASMedia Technology Inc. ASM2824 PCIe Gen3 P 02:07.0 PCI bridge: ASMedia Technology Inc. ASM2824 PCIe Gen3 P 02:08.0 PCI bridge: ASMedia Technology Inc. ASM2824 PCIe Gen3 P 02:0c.0 PCI bridge: ASMedia Technology Inc. ASM2824 PCIe Gen3 P 02:0e.0 PCI bridge: ASMedia Technology Inc. ASM2824 PCIe Gen3 P 02:0f.0 PCI bridge: ASMedia Technology Inc. ASM2824 PCIe Gen3 P 05:00.0 PCI bridge: Microchip Technology / SMSC Device a038 (re 06:01.0 PCI bridge: Microchip Technology / SMSC Device a039 (re 06:02.0 PCI bridge: Microchip Technology / SMSC Device a03a (re 06:04.0 PCI bridge: Microchip Technology / SMSC Device a03c (re 08:00.0 USB controller: Microchip Technology / SMSC Device a03d 09:00.0 Serial controller: Microchip Technology / SMSC Device a 09:00.1 SMBus: Microchip Technology / SMSC Device a033 (rev a0) 09:00.2 Serial bus controller: Microchip Technology / SMSC Devi 09:00.3 Non-Essential Instrumentation [1300]: Microchip Technol 0d:00.0 PCI bridge: ASPEED Technology, Inc. AST1150 PCI-to-PCI 0e:00.0 VGA compatible controller: ASPEED Technology, Inc. ASPE 0e:01.0 Unassigned class [ff00]: ASPEED Technology, Inc. Device 80:00.0 PCI bridge: Device 1e30:2042 </pre>
Intel 82599ES	网卡	PCIe	8	2	Y	5.19.17+	CONFIG_ IXGBE=y	
Intel AX210	WiFi 6E网 卡	PCIe	1	2	Y	5.19.17	CONFIG_ CFG80211 CONFIG_ MAC802 11 CONFIG_ IWLWIFI CONFIG_ IWLDVDM CONFIG_ IWLMVM	
Broadcom MegaRAID 9460-8i	RAID卡	PCIe	8	3	Y	6.1	CONFIG_ MEGAR AID_SAS	