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） 2/3/4	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+	CONFIG_DRM=m CONFIG_DRM_LOAD_EDID_FIRMWARE=y CONFIG_DRM_DP_AUX_CHARDEV=y CONFIG_DRM_DP_CEC=y CONFIG_DRM_RADEON=m CONFIG_DRM_RADEON_USERPTR=y CONFIG_DRM_AMDGPU=m CONFIG	

							_DRM_AMDGPU_SI=y CONFIG_DRM_AMDGPU_CIK=y CONFIG_DRM_AMDGPU_USERPTR=y
AMD Radeon R5 230	显卡	标准PCIe	16	2	Y	5.19.17	CONFIG_DRM=m CONFIG_DRM_LOAD_EDID_FIRMWARE=y CONFIG_DRM_DP_AUX_CHARDEV=y CONFIG_DRM_DP_CEC=y CONFIG_DRM_RADEON=m CONFIG_DRM_RADEON_

							USERPTR=y CONFIG_DRM_AMDGPU=m CONFIG_DRM_AMDGPU_SI=Y CONFIG_DRM_AMDGPU_CIK=y CONFIG_DRM_AMDGPU_USERPTR=y	
SM768	2D图像加速卡	标准PCIe	2	2	Y	5.19.17	CONFIG_DRM_SMI=m CONFIG_SOUND=y CONFIG_SND=y	

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_ANNOUNCE_NEW_DEVICES=y CONFIG_USB_DYNAMIC_MINORS=y CONFIG_USB_PCI=y CONFIG_USB_XHCI_HCD=y CONFIG_USB_XHCI_PLATFORM=y CONFIG_USB_XHCI_PCI=y CONFIG_USB_STORAGE=y CONFIG_SCSI=y CONFIG_BLK_DEV_SD=y CONFIG_BLK_DEV_SR=y CONFIG_CHR_DEV_SG=y
三星970EVO 250GB M.2 NVME+PCI-E转接卡	NVME	PCIe			Y	5.19.17+	CONFIG_NVME_CORE=y CONFIG_BLK_DEV_NVME=y CONFIG_NVME_FABRICS=y CONFIG_NVME_RDMA=y CONFIG_NVME_FC=y CONFIG_NVME_TCP=y CONFIG_TRACING=y CONFIG_NVME_MULTIPATH=y CONFIG_NVM=y CONFIG_FAULT_INJECTION_DEBUG_FS=y

realtek r8169 网卡	网卡	PCIe	1	2	Y	5.19.17+	CONFIG_PACKET_DIAG=y CONFIG_ETHOC=y CONFIG_NET_VENDOR_REALTEK=y CONFIG_R8169=y	
ASM1062	PCIe转SATA	PCIe	1	2	Y	5.19.17+	CONFIG_ATA CONFIG_SATA_AHCI	
ASM2824	pcie switch	标准pcie	8	3	Y	5.19.17+		
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_MAC80211 CONFIG_IWLWIFI CONFIG_IWLDVM CONFIG_IWLMVM	
Broadcom MegaRAID 9460-8i	RAID卡	PCIe	8	3	Y	6.1	CONFIG_MEGARAID_SAS	