

Paquetage KERNEL_5_4

Version 4.0.0-trunk-rpi-r60747

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1 Documentation du paquetage KERNEL_5_4

1.1 Kernel 5.4

Dans ce chapitre vous avez la description de tous les pilotes disponibles pour la version 5.4 du kernel Linux, ces pilotes sont fournies pour le paquetage kernel_5_4.

1.1.1 Pilotes des cartes réseaux

Dans cette section vous trouverez tous les pilotes de cartes réseaux supporté par le kernel. Les pilotes LAN pour les réseaux câblés et les pilotes WLAN pour les réseaux sans fil sont dans deux tableaux différents. Les pilotes pour les réseaux sans fil ont besoin du paquetage "wlan" pour la configuration en plus du paquetage base et kernel.

TABLE 1.1 – Pilotes LAN disponibles pour Linux 5.4

| Bus | NET_DRV_x | Nom de la carte |
|---------|----------------|--|
| pcmcia | 3c574_cs | 3Com 3c574 series PCMCIA ethernet |
| pcmcia | 3c589_cs | 3Com 3c589 series PCMCIA ethernet |
| usb | asix | ASIX AX8817X based USB 2.0 Ethernet Devices |
| usb | atusb | ATUSB IEEE 802.15.4 |
| usb | ax88179_178a | ASIX AX88179/178A based USB 3.0/2.0 Gigabit Ethernet Devices |
| pcmcia | axnet_cs | Asix AX88190 PCMCIA ethernet |
| usb | catc | CATC EL1210A NetMate USB Ethernet |
| usb | cdc_eem | USB CDC EEM |
| usb | cdc_ether | USB CDC Ethernet devices |
| usb | cdc_mbim | USB CDC MBIM host |
| usb | cdc_ncm | USB CDC NCM host |
| usb | cdc_subset | Simple 'CDC Subset' USB networking links |
| usb | ch9200 | QinHeng CH9200 USB Network device |
| usb | cx82310_eth | Conexant CX82310-based ADSL router USB ethernet |
| usb | dm9601 | Davicom DM96xx USB 10/100 ethernet devices |
| virtual | dummy | Dummy Network Interface |
| pcmcia | fmvj18x_cs | fmvj18x and compatible PCMCIA ethernet |
| usb | gl620a | GL620-USB-A Host-to-Host Link cables |
| usb | hso | USB High Speed Option |
| usb | huawei_cdc_ncm | USB CDC NCM host driver with encapsulated protocol support |

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TABLE 1.1 – Pilotes LAN disponibles pour Linux 5.4 (suite)

| Bus | NET_DRV_x | Nom de la carte |
|--------|-------------|---|
| usb | int51x1 | Intellon usb powerline adapter |
| usb | ipheth | Apple iPhone USB Ethernet |
| usb | kalmia | Samsung Kalmia USB network |
| usb | kaweth | KL5USB101 USB Ethernet |
| usb | lan78xx | LAN78XX USB 3.0 Gigabit Ethernet Devices |
| usb | lg-vl600 | LG-VL600 modem's ethernet link |
| usb | mcs7830 | USB to network adapter MCS7830) |
| usb | net1080 | NetChip 1080 based USB Host-to-Host Links |
| pcmcia | nmclan_cs | New Media PCMCIA ethernet |
| pcmcia | pcnet_cs | NE2000 compatible PCMCIA ethernet |
| usb | pegasus | Pegasus/Pegasus II USB Ethernet |
| usb | plusb | Prolific PL-2301/2302/25A1/27A1 USB Host to Host Link |
| usb | qmi_wwan | Qualcomm MSM Interface (QMI) WWAN |
| usb | r8152 | Realtek RTL8152/RTL8153 Based USB Ethernet Adapters |
| usb | rndis_host | USB Host side RNDIS |
| usb | rtl8150 | rtl8150 based usb-ethernet |
| pcmcia | smc91c92_cs | SMC 91c92 series PCMCIA ethernet |
| usb | smc75xx | SMSC75XX USB 2.0 Gigabit Ethernet Devices |
| usb | smc95xx | SMSC95XX USB 2.0 Ethernet Devices |
| usb | sr9700 | SR9700 one chip USB 1.1 USB to Ethernet device from http://www.corechip-sz.com/ |
| usb | sr9800 | SR9800 USB 2.0 USB2NET Dev : http://www.corechip-sz.com |
| pcmcia | xirc2ps_cs | Xircom PCMCIA ethernet |
| usb | zaurus | Sharp Zaurus PDA, and compatible products |

TABLE 1.2 – Pilotes WLAN disponibles pour Linux 5.4

| Bus | NET_DRV_x | Nom de la carte |
|--------|--------------|---|
| usb | 8192cu | Realtek Wireless Lan |
| isa | airo | Cisco/Aironet 802.11 wireless ethernet cards |
| pcmcia | airo_cs | Cisco/Aironet 802.11 wireless ethernet cards |
| usb | ar5523 | Atheros AR5523 based USB dongles |
| usb | at76c50x-usb | Atmel at76x USB Wireless LAN |
| usb | ath6kl_usb | Driver support for Atheros AR600x USB devices |
| usb | ath9k_htc | Atheros driver 802.11n HTC based wireless devices |
| pcmcia | atmel_cs | Atmel at76c50x 802.11 wireless ethernet cards |

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TABLE 1.2 – Pilotes WLAN disponibles pour Linux 5.4 (suite)

| Bus | NET_DRV_x | Nom de la carte |
|---------|-----------------|--|
| pci | b43 | Broadcom B43 wireless |
| pci | b43legacy | Broadcom B43legacy wireless |
| usb | brcmfmac | Broadcom 802.11 wireless LAN fullmac |
| pci | brcmsmac | Broadcom 802.11n wireless LAN |
| usb | carl9170 | Atheros AR9170 802.11n USB wireless |
| pcmcia | hostap_cs | Intersil Prism2-based 802.11 wireless LAN cards (PC Card) |
| pcmcia | libertas_cs | Marvell 83xx compact flash WLAN cards |
| usb | libertas_tf_usb | 8388 USB WLAN Thinfirm |
| virtual | mac80211_hwsim | Software simulator of 802.11 radio(s) for mac80211 |
| usb | mt7601u | |
| usb | mwifiex_usb | Marvell WiFi-Ex USB Driver version1.0 |
| pcmcia | orinoco_cs | PCMCIA Lucent Orinoco, Prism II based and similar wireless cards |
| usb | orinoco_usb | Orinoco wireless LAN cards using EZUSB bridge |
| usb | p54usb | Prism54 USB wireless |
| pcmcia | ray_cs | Raylink/WebGear wireless LAN |
| usb | rndis_wlan | RNDIS based USB Wireless adapters |
| usb | rsi_usb | Common USB layer for RSI drivers |
| usb | rt2500usb | Ralink RT2500 USB Wireless LAN |
| usb | rt2800usb | Ralink RT2800 USB Wireless LAN |
| usb | rt73usb | Ralink RT73 USB Wireless LAN |
| usb | rtl8187 | RTL8187/RTL8187B USB wireless |
| usb | rtl8192cu | Realtek 8192C/8188C 802.11n USB wireless |
| usb | rtl8xxxu | RTL8XXXu USB mac80211 Wireless LAN |
| usb | sierra_net | USB-to-WWAN Driver for Sierra Wireless modems |
| pcmcia | spectrum_cs | Symbol Spectrum24 Trilogy cards with firmware downloader |
| usb | usb8xxx | 8388 USB WLAN |
| pcmcia | wl3501_cs | Planet wl3501 wireless |
| usb | zd1201 | ZyDAS ZD1201 based USB Wireless adapters |
| usb | zd1211rw | USB driver for devices with the ZD1211 chip |

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