

Markings on packaging:

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skud49610

Features:

Support USB Type-C DisplayPort Alt Mode.

The standard USB-C interface supports forward and backward insertion.

Support PD charging function power up to 60W (5~20V/3A Only charging) Max.

Port use black rubber core + nickel plated shell.

Adopt standard USB-A interface.

Comply with USB3.0 standard 5Gbps transmission.

Support reading and writing data, U disk, card reader, keyboard, mouse, mobile hard disk, solid state hard disk, digital camera, etc.

USB3.0 single port output power 4.5W (5V/0.9A) supports charging devices such as mobile phones.

Supports Micro SD (T-Flash) with standard TF card slot.

Transfer data using USB3.0 standard theory: 5Gbps.

Adopt standard SD card slot

Adopt standard HDMI-mother interface

Support audio and video transmission, video support up to 4Kx2K/30Hz and backward compatible HDMI1.4

Support analog signal video transmission, video support 1920x1080/60Hz, 1920x1080K/30Hz and backward compatible

RJ45 port adopts imported RTL8153 chip and supports 10M/100M/1000M networks transmission.

Adopt four microphone headphone jacks.

Compliance with the standard (CTIA).

Mic audio recording and playback support 48K and 44.1K sampling rate.

Specification:

Material:Aluminum alloy

Color: Silver/Gray

Applicable models:

For MacBook Pro 2017 (13"& 15")

For MacBook Pro 2016 (13"& 15")

For MacBook 2015/2016

For ChromeBook Pixel

Laptop Computers Complying with USB-C Interface

Output: Type-C

Input interface:

1*HDMI interface

1*VGA interface

3*USB 3.0 Interface

1*RJ45 interface

1*3.5mm Audio Interface

1*Memory Card Interface

1*TF Card Interface

1*Mini DP interface

Network Interface: Gigabit

Video resolution:

HDMI: 4K (3840*2160), 30Hz downward compatible

VGA: 1920*1080, 60Hz downward compatibility

Working Voltage: 5V~20V

Working temperature: 0~45°

Package included:

1 x Adapter Hub

x1 dmesg

Connected to usb-c on Thinkpad x1

```
[330796.938562] usb 4-1.2: Failed to set U1 timeout to 0x0,error code -19
[330796.945207] usb 4-1.2: Set SEL for device-initiated U1 failed.
[330796.953401] usb 4-1.2: Set SEL for device-initiated U2 failed.
[330796.953405] usb 4-1.2: usb_reset_and_verify_device Failed to disable LPM
[330800.072541] usb usb4-port1: Cannot enable. Maybe the USB cable is bad?
[330800.072572] usb 4-1: USB disconnect, device number 2
[330800.072578] usb 4-1.2: USB disconnect, device number 3
[330800.074002] usb 4-1.3: USB disconnect, device number 4
[330800.074185] cdc_ether 4-1.3:2.0 enx0050b6b7e85b: unregister 'cdc_ether' usb-0000:3b:00.0-1.3,
[330800.109311] usb 4-1.4: USB disconnect, device number 5
[330820.716417] usb 1-3: new full-speed USB device number 10 using xhci_hcd
[330820.879114] usb 1-3: New USB device found, idVendor=177a, idProduct=963d, bcdDevice= 1.00
[330820.879125] usb 1-3: New USB device strings: Mfr=2, Product=3, SerialNumber=1
[330820.879130] usb 1-3: Product: Billboard Device
[330820.879135] usb 1-3: Manufacturer: EXPSM USB
[330820.879138] usb 1-3: SerialNumber: 0001
[330820.889606] hid-generic 0003:177A:963D.0003: hiddev0,hidraw0: USB HID v1.10 Device [EXPSM USB
[330822.128370] usb 1-3: USB disconnect, device number 10
[330824.552424] xhci_hcd 0000:3b:00.0: Timeout while waiting for setup device command
[330824.760580] usb 4-1: new SuperSpeed Gen 1 USB device number 6 using xhci_hcd
[330824.800393] usb 1-3: new high-speed USB device number 11 using xhci_hcd
[330824.888497] usb 4-1: new SuperSpeed Gen 1 USB device number 6 using xhci_hcd
[330824.972239] usb 1-3: New USB device found, idVendor=05e3, idProduct=0610, bcdDevice= 6.54
[330824.972246] usb 1-3: New USB device strings: Mfr=1, Product=2, SerialNumber=0
[330824.972249] usb 1-3: Product: USB2.1 Hub
[330824.972251] usb 1-3: Manufacturer: GenesysLogic
[330824.975342] hub 1-3:1.0: USB hub found
[330824.979079] hub 1-3:1.0: 4 ports detected
[330825.233338] usb 4-1: new SuperSpeed Gen 1 USB device number 7 using xhci_hcd
[330825.255826] usb 4-1: New USB device found, idVendor=05e3, idProduct=0626, bcdDevice= 6.54
[330825.255837] usb 4-1: New USB device strings: Mfr=1, Product=2, SerialNumber=0
[330825.255842] usb 4-1: Product: USB3.1 Hub
[330825.255846] usb 4-1: Manufacturer: GenesysLogic
[330825.257766] hub 4-1:1.0: USB hub found
[330825.258065] hub 4-1:1.0: 4 ports detected
[330825.312494] usb 1-3.3: new high-speed USB device number 12 using xhci_hcd
[330825.437770] usb 1-3.3: New USB device found, idVendor=05e3, idProduct=0618, bcdDevice=87.53
[330825.437780] usb 1-3.3: New USB device strings: Mfr=0, Product=1, SerialNumber=0
[330825.437785] usb 1-3.3: Product: USB2.0 Hub
[330825.439067] hub 1-3.3:1.0: USB hub found
[330825.439379] hub 1-3.3:1.0: 4 ports detected
[330825.544465] usb 4-1.4: new SuperSpeed Gen 1 USB device number 8 using xhci_hcd
[330825.565383] usb 4-1.4: New USB device found, idVendor=0bda, idProduct=8153, bcdDevice=30.00
[330825.565394] usb 4-1.4: New USB device strings: Mfr=1, Product=2, SerialNumber=6
[330825.565399] usb 4-1.4: Product: USB 10/100/1000 LAN
[330825.565403] usb 4-1.4: Manufacturer: Realtek
[330825.565406] usb 4-1.4: SerialNumber: 000001
[330825.608359] usbcore: registered new interface driver r8152
[330825.688848] usb 4-1.4: reset SuperSpeed Gen 1 USB device number 8 using xhci_hcd
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[330825.728420] usb 1-3.3.1: new high-speed USB device number 13 using xhci_hcd
[330825.740964] r8152 4-1.4:1.0 eth0: v1.09.9
[330825.791038] r8152 4-1.4:1.0 enx00e04c6800e9: renamed from eth0
[330825.841409] usb 1-3.3.1: New USB device found, idVendor=05e3, idProduct=0752, bcdDevice= 2.33
[330825.841412] usb 1-3.3.1: New USB device strings: Mfr=3, Product=4, SerialNumber=0
[330825.841414] usb 1-3.3.1: Product: USB Storage
[330825.841415] usb 1-3.3.1: Manufacturer: Generic
[330825.843667] usb-storage 1-3.3.1:1.0: USB Mass Storage device detected
[330825.843985] scsi host1: usb-storage 1-3.3.1:1.0
[330826.857820] scsi 1:0:0:0: Direct-Access      Generic STORAGE DEVICE    0233 PQ: 0 ANSI: 0
[330826.858611] sd 1:0:0:0: Attached scsi generic sgl type 0
[330826.860029] sd 1:0:0:0: [sdb] Attached SCSI removable disk
[330839.531138] usb 1-3: USB disconnect, device number 11
[330839.531149] usb 1-3.3: USB disconnect, device number 12
[330839.531154] usb 1-3.3.1: USB disconnect, device number 13
[330840.284381] usb 4-1: USB disconnect, device number 7
[330840.284392] usb 4-1.4: USB disconnect, device number 8
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x230 dmesg

Connected using usb-c to usb 3 adapter (no video adapter if not connected using usb-c?)

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[Sat Aug 29 13:14:26 2020] xhci_hcd 0000:00:14.0: Timeout while waiting for setup device command
[Sat Aug 29 13:14:32 2020] xhci_hcd 0000:00:14.0: Timeout while waiting for setup device command
[Sat Aug 29 13:14:32 2020] usb 3-2.4: device not accepting address 6, error -62
[Sat Aug 29 13:14:32 2020] usb 2-2.4: new high-speed USB device number 10 using xhci_hcd
[Sat Aug 29 13:14:32 2020] usb 2-2.4: New USB device found, idVendor=05e3, idProduct=0610, bcdDev
[Sat Aug 29 13:14:32 2020] usb 2-2.4: New USB device strings: Mfr=1, Product=2, SerialNumber=0
[Sat Aug 29 13:14:32 2020] usb 2-2.4: Product: USB2.1 Hub
[Sat Aug 29 13:14:32 2020] usb 2-2.4: Manufacturer: GenesysLogic
[Sat Aug 29 13:14:32 2020] hub 2-2.4:1.0: USB hub found
[Sat Aug 29 13:14:32 2020] hub 2-2.4:1.0: 4 ports detected
[Sat Aug 29 13:14:32 2020] usb 3-2.4: new SuperSpeed Gen 1 USB device number 7 using xhci_hcd
[Sat Aug 29 13:14:33 2020] usb 3-2.4: New USB device found, idVendor=05e3, idProduct=0626, bcdDev
[Sat Aug 29 13:14:33 2020] usb 3-2.4: New USB device strings: Mfr=1, Product=2, SerialNumber=0
[Sat Aug 29 13:14:33 2020] usb 3-2.4: Product: USB3.1 Hub
[Sat Aug 29 13:14:33 2020] usb 3-2.4: Manufacturer: GenesysLogic
[Sat Aug 29 13:14:33 2020] hub 3-2.4:1.0: USB hub found
[Sat Aug 29 13:14:33 2020] hub 3-2.4:1.0: 4 ports detected
[Sat Aug 29 13:14:33 2020] usb 2-2.4.3: new high-speed USB device number 11 using xhci_hcd
[Sat Aug 29 13:14:33 2020] usb 2-2.4.3: New USB device found, idVendor=05e3, idProduct=0618, bcdD
[Sat Aug 29 13:14:33 2020] usb 2-2.4.3: New USB device strings: Mfr=0, Product=1, SerialNumber=0
[Sat Aug 29 13:14:33 2020] usb 2-2.4.3: Product: USB2.0 Hub
[Sat Aug 29 13:14:33 2020] hub 2-2.4.3:1.0: USB hub found
[Sat Aug 29 13:14:33 2020] hub 2-2.4.3:1.0: 4 ports detected
[Sat Aug 29 13:14:33 2020] usb 3-2.4.4: new SuperSpeed Gen 1 USB device number 8 using xhci_hcd
[Sat Aug 29 13:14:33 2020] usb 3-2.4.4: New USB device found, idVendor=0bda, idProduct=8153, bcdD
[Sat Aug 29 13:14:33 2020] usb 3-2.4.4: New USB device strings: Mfr=1, Product=2, SerialNumber=6
[Sat Aug 29 13:14:33 2020] usb 3-2.4.4: Product: USB 10/100/1000 LAN
[Sat Aug 29 13:14:33 2020] usb 3-2.4.4: Manufacturer: Realtek
[Sat Aug 29 13:14:33 2020] usb 3-2.4.4: SerialNumber: 000001
[Sat Aug 29 13:14:33 2020] usb 3-2.4.4: reset SuperSpeed Gen 1 USB device number 8 using xhci_hcd
[Sat Aug 29 13:14:33 2020] r8152 3-2.4.4:1.0: firmware: failed to load rtl_nic/rtl8153a-4.fw (-2)
[Sat Aug 29 13:14:33 2020] r8152 3-2.4.4:1.0: Direct firmware load for rtl_nic/rtl8153a-4.fw fail
[Sat Aug 29 13:14:33 2020] r8152 3-2.4.4:1.0: unable to load firmware patch rtl_nic/rtl8153a-4.fw
[Sat Aug 29 13:14:33 2020] r8152 3-2.4.4:1.0 eth0: v1.11.11
[Sat Aug 29 13:14:33 2020] r8152 3-2.4.4:1.0 enx00e04c6800e9: renamed from eth0
[Sat Aug 29 13:14:33 2020] usb 2-2.4.3.1: new high-speed USB device number 12 using xhci_hcd
[Sat Aug 29 13:14:33 2020] usb 2-2.4.3.1: New USB device found, idVendor=05e3, idProduct=0752, bo
[Sat Aug 29 13:14:33 2020] usb 2-2.4.3.1: New USB device strings: Mfr=3, Product=4, SerialNumber=
[Sat Aug 29 13:14:33 2020] usb 2-2.4.3.1: Product: USB Storage
[Sat Aug 29 13:14:33 2020] usb 2-2.4.3.1: Manufacturer: Generic
```

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[Sat Aug 29 13:14:33 2020] usb-storage 2-2.4.3.1:1.0: USB Mass Storage device detected
[Sat Aug 29 13:14:33 2020] scsi host6: usb-storage 2-2.4.3.1:1.0
[Sat Aug 29 13:14:34 2020] scsi 6:0:0:0: Direct-Access      Generic STORAGE DEVICE    0233 PQ: 0 A
[Sat Aug 29 13:14:34 2020] sd 6:0:0:0: Attached scsi generic sg2 type 0
[Sat Aug 29 13:14:34 2020] sd 6:0:0:0: [sdc] Attached SCSI removable disk
```

firmware for network card

```
root@x230:/home/dpavlin# apt install firmware-realtek
```

```
dpavlin@x230:/lib/firmware$ ls -al rtl_nic/rtl8153a-4.fw
ls: cannot access 'rtl_nic/rtl8153a-4.fw': No such file or directory
```

sigh, if package is too old here is work-around:

<https://bugs.debian.org/cgi-bin/bugreport.cgi?bug=962972>