

COMPUTEX 2025

HIGHLIGHTS

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 **NAVILOCK**[®]

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USB 2.0 Multi GNSS Receiver u-blox 8 UBX-M8030-KT chipset

GNSS receiver with USB 2.0 Type-A connector for mobile devices
Accepts the signals of up to 72 satellites at the same time
Magnetic, non-slip on the bottom



Connector:

① 1 x USB 2.0 Type-A male



Item No. **62523**



Windows
Vista/7/8/8.1/10



Linux
Kernel 2.6



Auto Baud Rate up to
115200 bps



Sensitivity max.
-167 dBm



protection class
IPX6



Current consumption
max. 45 mA



LED indicator for
GPS-status



Dimensions
65 x 45 x 22 mm



Cable length
ca. 1.5 m

Package content

- USB 2.0 receiver
- Driver CD
- User manual on CD ROM

TRAIN



TRUCK



BUS



BOAT



CARAVAN



AIRPLANE



USB 2.0 Multi GNSS Receiver u-blox 8 UBX-M8030-KT chipset

GNSS receiver with USB 2.0 Type-A connector for mobile devices
Accepts the signals of up to 72 satellites at the same time
Roof mounting and waterproof housing



Connector:

- ① 1 x USB 2.0 Type-A male



Item No. **62531**



Windows
Vista/7/8/8.1/10



Linux
Kernel 2.6



Auto Baud Rate up to
115200 bps



Sensitivity max.
-167 dBm



protection class
IPX7



Current consumption
max. 45 mA



LED indicator for
GPS-status



Dimensions (Ø x H)
62 x 21 mm



Cable length
ca. 4.5 m

Package content

- USB 2.0 receiver
- Mounting material:
stainless steel nut and washer
- Navilock support CD
incl. driver and user manual

TRAIN



TRUCK



BUS



BOAT



CARAVAN



AIRPLANE



USB 3.0 Card Reader > CFast 2.0

To read and write CFast memory cards
Supports CFast type I / II memory cards
Downwards compatible to CFast 1.0

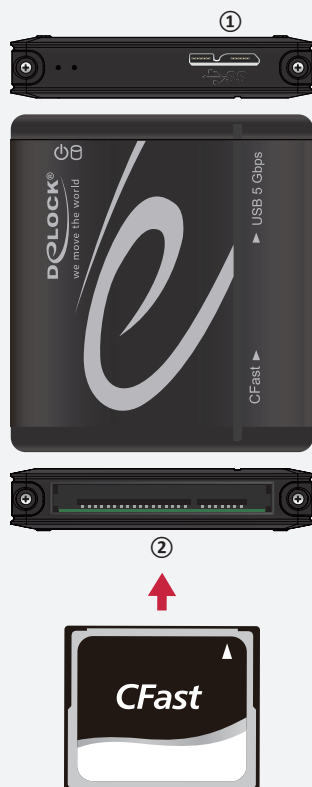


Connector:

- ① 1 x USB 3.0 Type Micro-B female



- ② 1 x CFast type II slot



Item No. **91686**



Windows

7/7-64/8.1/8.1-64/10/10-64/11



Mac OS

10.7 or above



Linux

Kernel 3.13 or above



push & push

CFast socket



Transfer rate up to
5 Gb/s



Hot Swap

Plug & Play



Housing material
aluminium



Colour
Black



Dimensions
82 x 60 x 12 mm

Package content

- Card reader USB 3.0 to CFast
- Micro USB 3.0 to USB 3.0-A cable
- User manual

Performance Comparison

unit: MBps

CF-UDMA mode 7

167

CFast-SATA-300

300

CFast-SATA-600

600

SD-UHS-I

104

SD-UHS-II

156

SD-UHS-III

624



Card Reader SATA > CFast 2.0

Supports CFast type I / II memory cards, supports CFast 1.0 & 2.0
OS independent, no driver installation necessary

Item No. **91714**



Bootable



push & push
CFast socket



Dimensions
66.5 x 64 x 7.3 mm

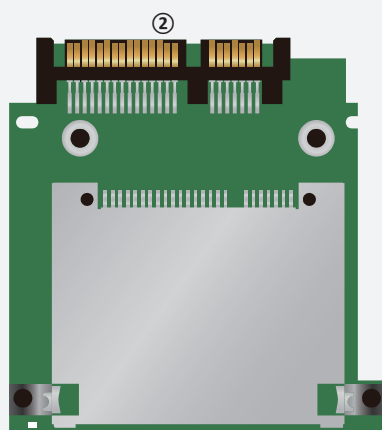
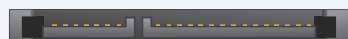


Connector:

① 1 x CFast Type II slot



② 1 x SATA 22 pin plug



①



Package content

• Card reader SATA to CFast

Performance Comparison

unit: MBps

CF-UDMA mode 7

167

CFast-SATA-300

300

CFast-SATA-600

600

SD-UHS-I

104

SD-UHS-II

156

SD-UHS-III

624

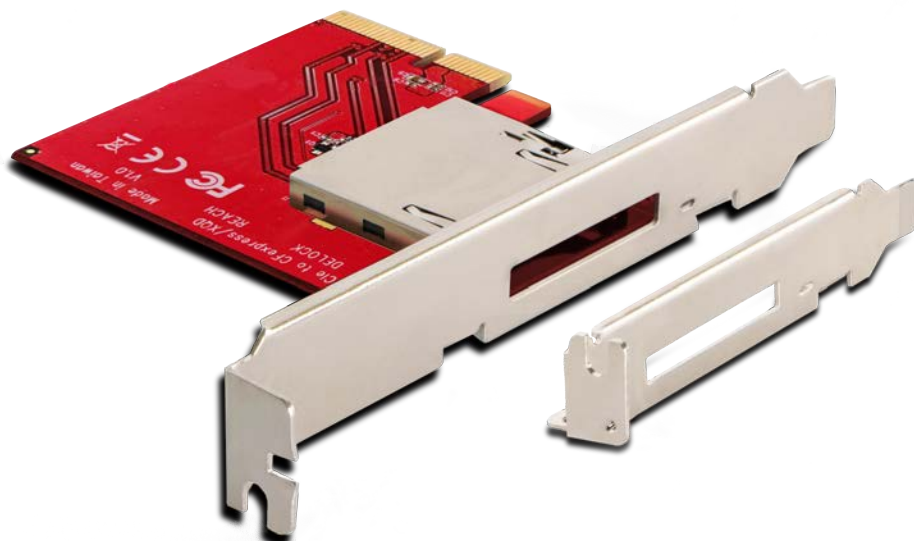


Adapter PCIe > CFexpress Type B / XQD (The driver is required for XQD)

Supports CFexpress 4.0 Card

Supports XQD 2.0 Card compatible with XQD 1.0 (based on PCIe)

Supports NVMe communication agreement



Item No. **21336**



Windows

7/7-64/8.1/8.1-64/10/10-64/11



Mac OS

10.12 (Sierra) and higher



Linux

Kernel 3.17 or above



Support PCIe

Generation 4 x2



push & push

CFexpress socket



LED indicator for
power



Dimensions

68 x 65.3 x 6.4 mm



Weight

40 g

Connector:

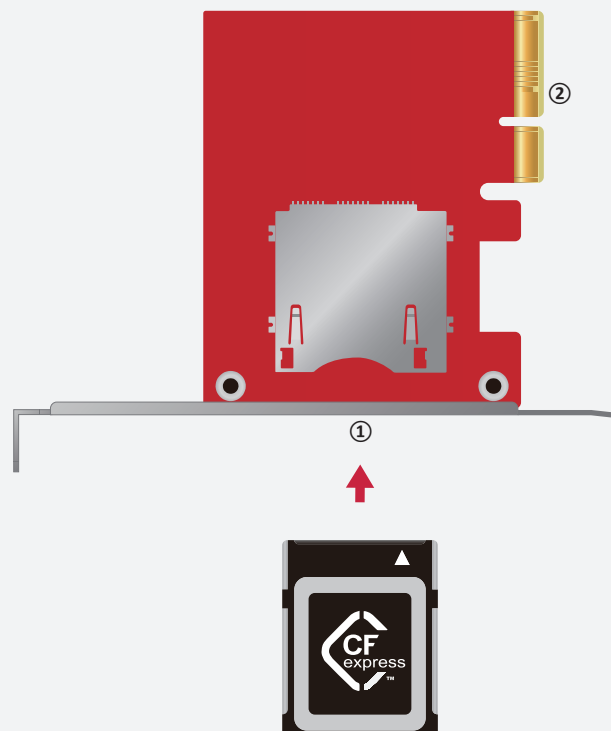
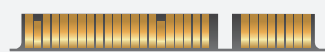
① External:

1 x CFexpress slot



② internal:

1 x PCI Express x4



Package content

- PCI Express card
- Low profile bracket

Performance Comparison

unit: MBps

CF 6.0

167

SD UHS-III

624

CFast 2

600

XQD 2

1000

CFexpress 1.0

1970

CFexpress 4.0 Type B

3940



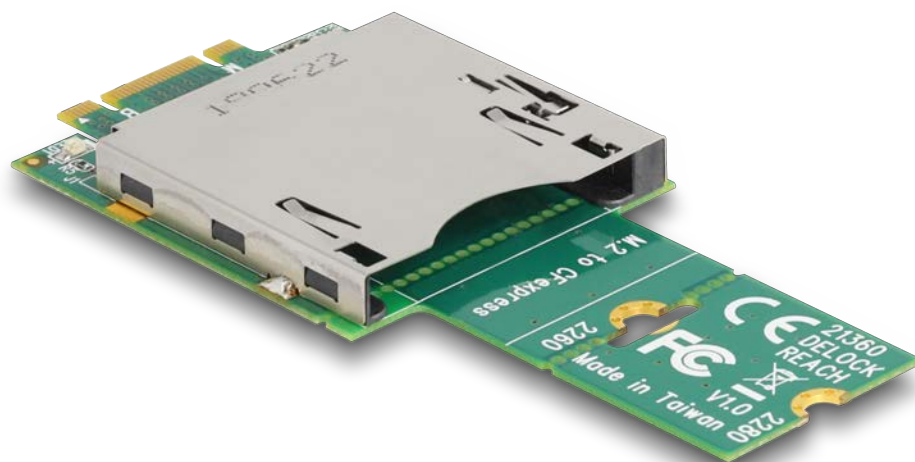
Adapter M.2 (PCIe) 80mm > CFexpress Type B

Suitable for M.2 slot with key M or B based on PCIe

Supports CFexpress 4.0 Card

Supports NVMe communication agreement

No driver installation required

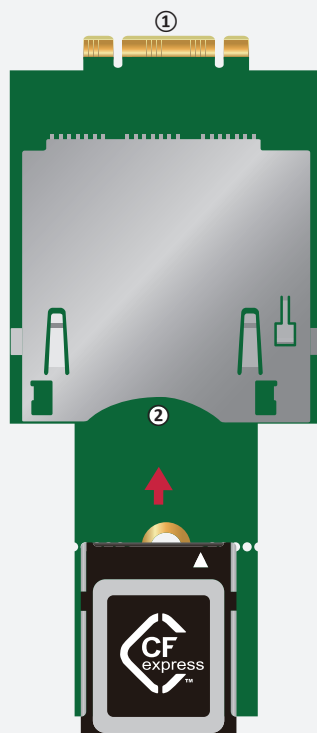
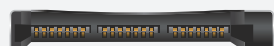


Connector:

- ① 1 x M.2 key B+M male



- ② 1 x CFexpress slot



Item No. **21360**



Windows

8.1/8.1-64/10/10-64/11



Linux

Kernel 3.17 or above



Support PCIe

Generation 4 x2



push & push

CFexpress socket



Transfer rate up to
4 Gb/s



LED indicator for
power



Bootable

ex UEFI version 2.3.1



Dimensions

80 x 37 x 5 mm



Weight

15 g

Package content

- Adapter
- User manual

Performance Comparison

unit: MBps

CF 6.0

167

SD UHS-III

624

CFast 2

600

XQD 2

1000

CFexpress 1.0

1970

CFexpress 4.0 Type B

3940



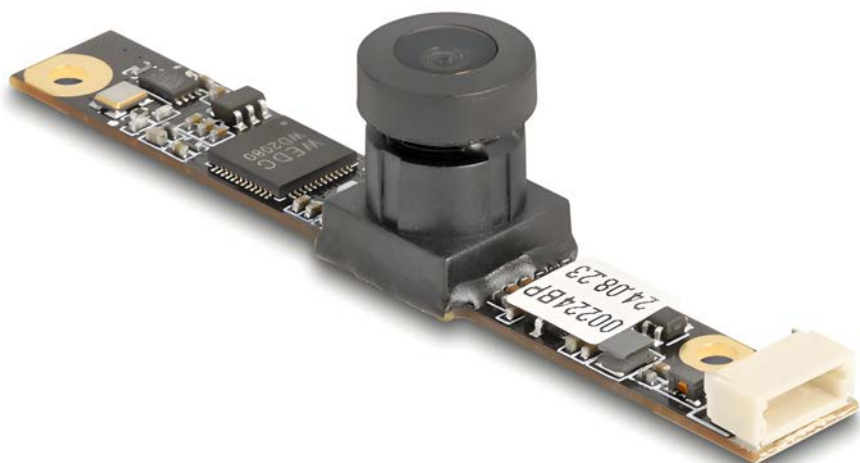
USB 2.0 Camera Module 5 mega pixel IMX179QQH5-C Sony® Starvis™ 80° V51 fix focus

With optical IR filter

Resolution: 5.0 megapixel

Sensor size: 1/3.2"

Sensitivity: 0.6 V / lx s



Connector:

① 1 x 5 pin USB 2.0 pin header female SMT, pitch 1.00 mm



Item No. **96405**



Windows
10/10-64/11



Mac OS
12.4 or above



Linux
5.15 or above



Android
11.0 or above



Operating voltage
5 V DC



Operating temperature
5 °C ~ 50 °C



Operating humidity
20 ~ 80 %



Aperture
F/3.0



Dimensions
60 x 8 x 12.2 mm

Package content

• Camera Module



Frame rates:

320 x 240 @ 30 Hz
352 x 288 @ 30 Hz
640 x 480 @ 30 Hz
900 x 600 @ 30 Hz
1280 x 720 @ 30 Hz
1600 x 1200 @ 30 Hz
1920 x 1080 @ 30 Hz
2048 x 1536 @ 20 Hz
2560 x 1440 @ 30 Hz
2592 x 1944 @ 20 Hz



Connection Cable

USB 2.0 Type-A male > 5 pin camera plug

To connect a USB camera module with 5 pin female port to a laptop, IPC, tablet or PC.

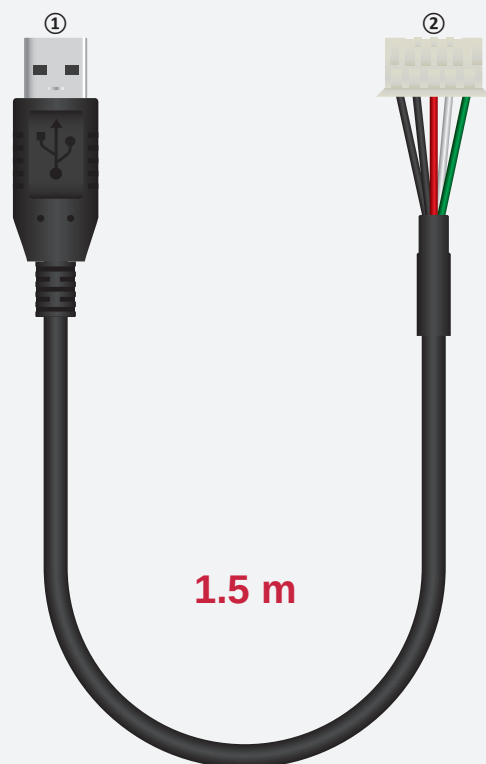


Connector:

- ① 1 x USB 2.0 Type-A male



- ② 1 x 5 pin SMT plug, 1 mm pitch



1.5 m



Item No. **95985**



Cable gauge
28 AWG



Colour
Black



Cable length
ca. 1.5 m

Package content

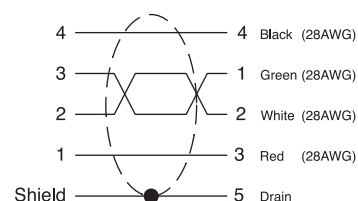
- Connection cable



Wire Connection

USB 2.0 A Male

PH1.0-5P



5G LTE Antenna

I-PEX Inc., MHF® I compatible plug 0 - 4 dBi

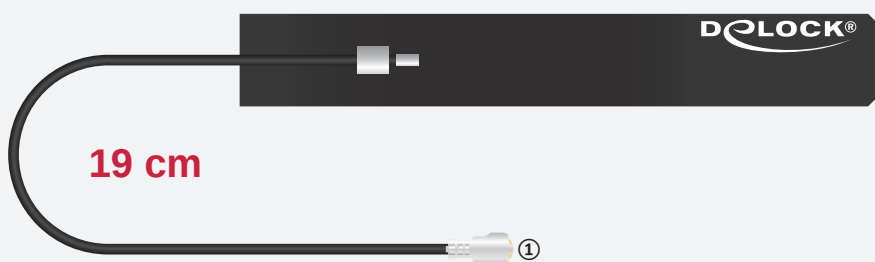
omnidirectional FPC

Supports GSM, UMTS, 5G LTE, ZigBee, Z-Wave, NB-IoT,
Dualband WLAN, Bluetooth, ISM, DECT and LoRa



Connector:

① 1 x I-PEX Inc., MHF® I plug



Item No. **12706**



Frequency range
700 - 6000 MHz



Antenna gain
0 - 4 dBi



Impedance
50 Ω



VSWR
2.0



Polarisation
linear, vertical



Operating temperature
-40 °C ~ 85 °C



Housing material
FPC



Colour
Black



Dimensions
112.5 x 16.2 x 1.5 mm



Cable length
ca. 19 m

Package content

• Antenna



Dual Band WLAN WiFi 6 Twin Antenna

2 x I-PEX Inc., MHF® 4L plug 3 - 5 dBi

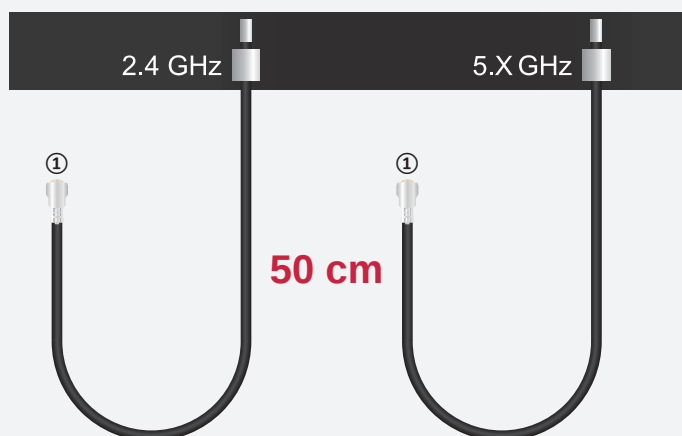
PCB internal self adhesive

Supports Bluetooth, WLAN 2.4 / 5.0 GHz, ZigBee 2.4 GHz, ISM



Connector:

① 2 x I-PEX Inc., MHF® 4L plug



Item No. **89933**



Frequency range
2400 - 2500 MHz
5150 - 5850 MHz



Antenna gain
3 - 5 dBi



Impedance
50 Ω



VSWR
2.0



Polarisation
linear, vertical



Operating temperature
-10 °C ~ 55 °C



Housing material
FPC



Colour
Black



Dimensions
61.6 x 7 x 1.6 mm



Cable length
ca. 50 m

Package content

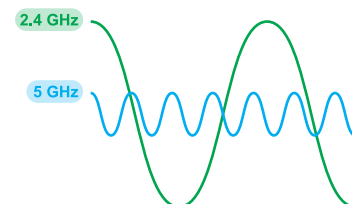
• Antenna



WiFi Radio Waves

2.4 GHz

5 GHz



WLAN 2.4 GHz Antenna

RP-SMA plug 1.7 - 3.7 dBi

omnidirectional fixed with flexible material

Supports Bluetooth, WLAN 2.4 GHz, ZigBee 2.4 GHz, ISM 2.4 GHz



Connector:

① 1 x RP-SMA plug



Item No. **12714**



Frequency range
2.4 - 2.5 GHz



Antenna gain
1.7 - 3.7 dBi



Impedance
50 Ω



VSWR
1.57



Polarisation
linear, vertical



Operating temperature
-40 °C ~ 85 °C



Housing material
ABS



Colour
Black



Antenna length
ca. 4.73 cm

Package content

• Antenna



LPWAN 868 MHz Antenna

SMA plug 90° 1.6 dBi

omnidirectional fixed

Supports ZigBee 868 MHz, Z-Wave 868 MHz, LoRa 868 MHz



Connector:

① 1 x SMA plug 90°



Item No. **12716**



Frequency range
860 - 870 MHz



Antenna gain
1.6 dBi



Impedance
50 Ω



VSWR
1.26



Polarisation
vertical



Operating temperature
-40 °C ~ 85 °C



Housing material
ABS



Colour
Black



Antenna length
ca. 4.86 cm

Package content

• Antenna



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