

## Shell Output - usbconfig dump\_all\_desc

ugen3.1: <Intel UHCI root HUB> at usb3, cfg=0 md=HOST spd=FULL (12Mbps)  
pwr=SAVE (0mA)

```
bLength = 0x0012
bDescriptorType = 0x0001
bcdUSB = 0x0100
bDeviceClass = 0x0009 <HUB>
bDeviceSubClass = 0x0000
bDeviceProtocol = 0x0000
bMaxPacketSize0 = 0x0040
idVendor = 0x0000
idProduct = 0x0000
bcdDevice = 0x0100
iManufacturer = 0x0001 <Intel>
iProduct = 0x0002 <UHCI root HUB>
iSerialNumber = 0x0000 <no string>
bNumConfigurations = 0x0001
```

Configuration index 0

```
bLength = 0x0009
bDescriptorType = 0x0002
wTotalLength = 0x0019
bNumInterfaces = 0x0001
bConfigurationValue = 0x0001
iConfiguration = 0x0000 <no string>
bmAttributes = 0x0040
bMaxPower = 0x0000
```

Interface 0

```
bLength = 0x0009
bDescriptorType = 0x0004
bInterfaceNumber = 0x0000
bAlternateSetting = 0x0000
bNumEndpoints = 0x0001
bInterfaceClass = 0x0009 <HUB>
bInterfaceSubClass = 0x0000
bInterfaceProtocol = 0x0000
iInterface = 0x0000 <no string>
```

Endpoint 0

```
bLength = 0x0007
bDescriptorType = 0x0005
bEndpointAddress = 0x0081 <IN>
bmAttributes = 0x0003 <INTERRUPT>
wMaxPacketSize = 0x0008
bInterval = 0x00ff
bRefresh = 0x0000
bSynchAddress = 0x0000
```

ugen1.1: <Intel UHCI root HUB> at usb1, cfg=0 md=HOST spd=FULL (12Mbps)  
pwr=SAVE (0mA)

```
bLength = 0x0012
bDescriptorType = 0x0001
bcdUSB = 0x0100
bDeviceClass = 0x0009 <HUB>
bDeviceSubClass = 0x0000
bDeviceProtocol = 0x0000
bMaxPacketSize0 = 0x0040
idVendor = 0x0000
idProduct = 0x0000
bcdDevice = 0x0100
iManufacturer = 0x0001 <Intel>
iProduct = 0x0002 <UHCI root HUB>
iSerialNumber = 0x0000 <no string>
bNumConfigurations = 0x0001
```

Configuration index 0

```
bLength = 0x0009
bDescriptorType = 0x0002
wTotalLength = 0x0019
bNumInterfaces = 0x0001
bConfigurationValue = 0x0001
iConfiguration = 0x0000 <no string>
bmAttributes = 0x0040
bMaxPower = 0x0000
```

Interface 0

```
bLength = 0x0009
bDescriptorType = 0x0004
bInterfaceNumber = 0x0000
bAlternateSetting = 0x0000
bNumEndpoints = 0x0001
bInterfaceClass = 0x0009 <HUB>
bInterfaceSubClass = 0x0000
bInterfaceProtocol = 0x0000
iInterface = 0x0000 <no string>
```

Endpoint 0

```
bLength = 0x0007
bDescriptorType = 0x0005
bEndpointAddress = 0x0081 <IN>
bmAttributes = 0x0003 <INTERRUPT>
wMaxPacketSize = 0x0008
bInterval = 0x00ff
bRefresh = 0x0000
bSynchAddress = 0x0000
```

ugen4.1: <Intel EHCI root HUB> at usb4, cfg=0 md=HOST spd=HIGH (480Mbps)  
pwr=SAVE (0mA)

```
bLength = 0x0012
bDescriptorType = 0x0001
bcdUSB = 0x0200
bDeviceClass = 0x0009 <HUB>
```

```
bDeviceSubClass = 0x0000
bDeviceProtocol = 0x0001
bMaxPacketSize0 = 0x0040
idVendor = 0x0000
idProduct = 0x0000
bcdDevice = 0x0100
iManufacturer = 0x0001 <Intel>
iProduct = 0x0002 <EHCI root HUB>
iSerialNumber = 0x0000 <no string>
bNumConfigurations = 0x0001
```

#### Configuration index 0

```
bLength = 0x0009
bDescriptorType = 0x0002
wTotalLength = 0x0019
bNumInterfaces = 0x0001
bConfigurationValue = 0x0001
iConfiguration = 0x0000 <no string>
bmAttributes = 0x0040
bMaxPower = 0x0000
```

#### Interface 0

```
bLength = 0x0009
bDescriptorType = 0x0004
bInterfaceNumber = 0x0000
bAlternateSetting = 0x0000
bNumEndpoints = 0x0001
bInterfaceClass = 0x0009 <HUB>
bInterfaceSubClass = 0x0000
bInterfaceProtocol = 0x0000
iInterface = 0x0000 <no string>
```

#### Endpoint 0

```
bLength = 0x0007
bDescriptorType = 0x0005
bEndpointAddress = 0x0081 <IN>
bmAttributes = 0x0003 <INTERRUPT>
wMaxPacketSize = 0x0008
bInterval = 0x00ff
bRefresh = 0x0000
bSynchAddress = 0x0000
```

ugen2.1: <Intel UHCI root HUB> at usb2, cfg=0 md=HOST spd=FULL (12Mbps)  
pwr=SAVE (0mA)

```
bLength = 0x0012
bDescriptorType = 0x0001
bcdUSB = 0x0100
bDeviceClass = 0x0009 <HUB>
bDeviceSubClass = 0x0000
bDeviceProtocol = 0x0000
bMaxPacketSize0 = 0x0040
idVendor = 0x0000
idProduct = 0x0000
```

```
bcdDevice = 0x0100
iManufacturer = 0x0001 <Intel>
iProduct = 0x0002 <UHCI root HUB>
iSerialNumber = 0x0000 <no string>
bNumConfigurations = 0x0001
```

Configuration index 0

```
bLength = 0x0009
bDescriptorType = 0x0002
wTotalLength = 0x0019
bNumInterfaces = 0x0001
bConfigurationValue = 0x0001
iConfiguration = 0x0000 <no string>
bmAttributes = 0x0040
bMaxPower = 0x0000
```

Interface 0

```
bLength = 0x0009
bDescriptorType = 0x0004
bInterfaceNumber = 0x0000
bAlternateSetting = 0x0000
bNumEndpoints = 0x0001
bInterfaceClass = 0x0009 <HUB>
bInterfaceSubClass = 0x0000
bInterfaceProtocol = 0x0000
iInterface = 0x0000 <no string>
```

Endpoint 0

```
bLength = 0x0007
bDescriptorType = 0x0005
bEndpointAddress = 0x0081 <IN>
bmAttributes = 0x0003 <INTERRUPT>
wMaxPacketSize = 0x0008
bInterval = 0x00ff
bRefresh = 0x0000
bSynchAddress = 0x0000
```

ugen0.1: <Intel UHCI root HUB> at usb0, cfg=0 md=HOST spd=FULL (12Mbps)  
pwr=SAVE (0mA)

```
bLength = 0x0012
bDescriptorType = 0x0001
bcdUSB = 0x0100
bDeviceClass = 0x0009 <HUB>
bDeviceSubClass = 0x0000
bDeviceProtocol = 0x0000
bMaxPacketSize0 = 0x0040
idVendor = 0x0000
idProduct = 0x0000
bcdDevice = 0x0100
iManufacturer = 0x0001 <Intel>
iProduct = 0x0002 <UHCI root HUB>
iSerialNumber = 0x0000 <no string>
bNumConfigurations = 0x0001
```

Configuration index 0

```
bLength = 0x0009
bDescriptorType = 0x0002
wTotalLength = 0x0019
bNumInterfaces = 0x0001
bConfigurationValue = 0x0001
iConfiguration = 0x0000 <no string>
bmAttributes = 0x0040
bMaxPower = 0x0000
```

Interface 0

```
bLength = 0x0009
bDescriptorType = 0x0004
bInterfaceNumber = 0x0000
bAlternateSetting = 0x0000
bNumEndpoints = 0x0001
bInterfaceClass = 0x0009 <HUB>
bInterfaceSubClass = 0x0000
bInterfaceProtocol = 0x0000
iInterface = 0x0000 <no string>
```

Endpoint 0

```
bLength = 0x0007
bDescriptorType = 0x0005
bEndpointAddress = 0x0081 <IN>
bmAttributes = 0x0003 <INTERRUPT>
wMaxPacketSize = 0x0008
bInterval = 0x00ff
bRefresh = 0x0000
bSynchAddress = 0x0000
```

ugen4.2: <D-Link, Inc D-Link DWM-157> at usb4, cfg=1 md=HOST spd=HIGH  
(480Mbps) pwr=ON (98mA)

```
bLength = 0x0012
bDescriptorType = 0x0001
bcdUSB = 0x0200
bDeviceClass = 0x0000 <Probed by interface class>
bDeviceSubClass = 0x0000
bDeviceProtocol = 0x0000
bMaxPacketSize0 = 0x0040
idVendor = 0x2001
idProduct = 0xa407
bcdDevice = 0x0300
iManufacturer = 0x0002 <D-Link, Inc >
iProduct = 0x0003 <D-Link DWM-157>
iSerialNumber = 0x0004 <531399703502680>
bNumConfigurations = 0x0003
```

Configuration index 0

```
bLength = 0x0009
bDescriptorType = 0x0002
```

```
wTotalLength = 0x0020
bNumInterfaces = 0x0001
bConfigurationValue = 0x0001
iConfiguration = 0x0000 <no string>
bmAttributes = 0x00a0
bMaxPower = 0x00fa
```

```
Interface 0
  bLength = 0x0009
  bDescriptorType = 0x0004
  bInterfaceNumber = 0x0000
  bAlternateSetting = 0x0000
  bNumEndpoints = 0x0002
  bInterfaceClass = 0x0008 <Mass storage>
  bInterfaceSubClass = 0x0006
  bInterfaceProtocol = 0x0050
  iInterface = 0x0001 <Mass Storage >
```

```
Endpoint 0
  bLength = 0x0007
  bDescriptorType = 0x0005
  bEndpointAddress = 0x0081 <IN>
  bmAttributes = 0x0002 <BULK>
  wMaxPacketSize = 0x0200
  bInterval = 0x0000
  bRefresh = 0x0000
  bSynchAddress = 0x0000
```

```
Endpoint 1
  bLength = 0x0007
  bDescriptorType = 0x0005
  bEndpointAddress = 0x0001 <OUT>
  bmAttributes = 0x0002 <BULK>
  wMaxPacketSize = 0x0200
  bInterval = 0x0000
  bRefresh = 0x0000
  bSynchAddress = 0x0000
```

#### Configuration index 1

```
bLength = 0x0009
bDescriptorType = 0x0002
wTotalLength = 0x0020
bNumInterfaces = 0x0001
bConfigurationValue = 0x0002
iConfiguration = 0x0000 <no string>
bmAttributes = 0x00a0
bMaxPower = 0x0031
```

```
Interface 0
  bLength = 0x0009
  bDescriptorType = 0x0004
  bInterfaceNumber = 0x0000
  bAlternateSetting = 0x0000
  bNumEndpoints = 0x0002
```

```
bInterfaceClass = 0x0008 <Mass storage>
bInterfaceSubClass = 0x0006
bInterfaceProtocol = 0x0050
iInterface = 0x0001 <Mass Storage >
```

#### Endpoint 0

```
bLength = 0x0007
bDescriptorType = 0x0005
bEndpointAddress = 0x0081 <IN>
bmAttributes = 0x0002 <BULK>
wMaxPacketSize = 0x0200
bInterval = 0x0000
bRefresh = 0x0000
bSynchAddress = 0x0000
```

#### Endpoint 1

```
bLength = 0x0007
bDescriptorType = 0x0005
bEndpointAddress = 0x0001 <OUT>
bmAttributes = 0x0002 <BULK>
wMaxPacketSize = 0x0200
bInterval = 0x0000
bRefresh = 0x0000
bSynchAddress = 0x0000
```

#### Configuration index 2

```
bLength = 0x0009
bDescriptorType = 0x0002
wTotalLength = 0x0020
bNumInterfaces = 0x0001
bConfigurationValue = 0x0003
iConfiguration = 0x0000 <no string>
bmAttributes = 0x00e0
bMaxPower = 0x0000
```

#### Interface 0

```
bLength = 0x0009
bDescriptorType = 0x0004
bInterfaceNumber = 0x0000
bAlternateSetting = 0x0000
bNumEndpoints = 0x0002
bInterfaceClass = 0x0008 <Mass storage>
bInterfaceSubClass = 0x0006
bInterfaceProtocol = 0x0050
iInterface = 0x0001 <Mass Storage >
```

#### Endpoint 0

```
bLength = 0x0007
bDescriptorType = 0x0005
bEndpointAddress = 0x0081 <IN>
bmAttributes = 0x0002 <BULK>
wMaxPacketSize = 0x0200
bInterval = 0x0000
bRefresh = 0x0000
```

bSynchAddress = 0x0000

Endpoint 1

bLength = 0x0007

bDescriptorType = 0x0005

bEndpointAddress = 0x0001 <OUT>

bmAttributes = 0x0002 <BULK>

wMaxPacketSize = 0x0200

bInterval = 0x0000

bRefresh = 0x0000

bSynchAddress = 0x0000