

===== USB Port3 =====

Connection Status : 0x01 (Device is connected)  
Port Chain : 2-3  
Properties : 0x01  
IsUserConnectable : yes  
PortIsDebugCapable : no  
PortHasMultiCompanions : no  
PortConnectorIsTypeC : no  
ConnectionIndex : 3  
CompanionIndex : 0  
CompanionHubSymLnk : USB#ROOT\_HUB30#5&1d9cd8c9&0&0#{f18a0e88-c30c-11d0-8815-00a0c906bed8}  
CompanionPortNumber : 1

===== USB Device =====

+++++++ Device Information ++++++

Device Description : USB Serial Converter  
Device Path : \\?\usb#vid\_0403&pid\_6001#fte3upe2#{a5dcbf10-6530-11d2-901f-00c04fb951ed}  
Device ID : USB\VID\_0403&PID\_6001\FTE3UPE2  
Hardware IDs : USB\VID\_0403&PID\_6001&REV\_0600  
USB\VID\_0403&PID\_6001  
Driver KeyName : {36fc9e60-c465-11cf-8056-444553540000}\0016  
(GUID\_DEVCLASS\_USB)  
Driver : \SystemRoot\system32\drivers\ftdibus.sys  
(Version: 2.12.28.1 Date: 2017-09-19)  
Driver Inf : C:\WINDOWS\inf\oem12.inf  
Legacy BusType : PNPBus  
Class : USB  
Class GUID : {36fc9e60-c465-11cf-8056-444553540000}  
(GUID\_DEVCLASS\_USB)  
Interface GUID : {a5dcbf10-6530-11d2-901f-00c04fb951ed}  
(GUID\_DEVINTERFACE\_USB\_DEVICE)  
Service : FTDIBUS  
Enumerator : USB  
Location Info : Port\_#0003.Hub\_#0003  
Location IDs :  
PCIROOT(0)#PCI(1C03)#PCI(0000)#USBROOT(0)#USB(3),  
ACPI(\_SB\_)#ACPI(PCI0)#ACPI(RP04)#ACPI(PXSX)#USBROOT(0)#USB(3)  
Container ID : {6f624fca-a2ea-56d8-a451-a6b9c5b088dd}  
Manufacturer Info : FTDI  
Capabilities : 0x94 (Removable, UniqueID, SurpriseRemovalOK)  
Status : 0x0180600A (DN\_DRIVER\_LOADED, DN\_STARTED,  
DN\_DISABLEABLE, DN\_REMOVABLE, DN\_NT\_ENUMERATOR, DN\_NT\_DRIVER)  
Problem Code : 0  
Address : 3  
Power State : D0 (supported: D0, D2, D3, wake from D0, wake  
from D2)  
Child Device 1 : USB Serial Port (COM7)  
DevicePath :  
\\?\ftdibus#vid\_0403+pid\_6001+fte3upe2a#0000#{86e0d1e0-8089-11d0-9ce4-08003e301f73}  
KernelName : \Device\000000e9  
Device ID : FTDIBUS\VID\_0403+PID\_6001+FTE3UPE2A\0000  
Class : Ports  
COM-Port : COM7 (\Device\VCP0)

+++++++ Registry USB Flags ++++++

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\usbflags\040360010600

osvc : REG\_BINARY 00 00  
SkipContainerIdQuery : REG\_BINARY 01 00 00 00

----- Connection Information -----  
Connection Index : 0x03 (3)  
Connection Status : 0x01 (DeviceConnected)  
Current Config Value : 0x01  
Device Address : 0x01 (1)  
Is Hub : 0x00 (no)  
Device Bus Speed : 0x01 (Full-Speed)  
Number Of Open Pipes : 0x02 (2 pipes to data endpoints)  
Pipe[0] : EndpointID=1 Direction=IN ScheduleOffset=0  
Type=Bulk  
Pipe[1] : EndpointID=2 Direction=OUT ScheduleOffset=0  
Type=Bulk  
Data (HexDump) : 03 00 00 00 12 01 00 02 00 00 00 08 03 04 01 60  
.....  
00 06 01 02 03 01 01 01 00 01 00 02 00 00 00 01  
.....  
00 00 00 07 05 81 02 40 00 00 00 00 00 00 07 05  
.....@.....  
02 02 40 00 00 00 00 00 00  
..@.....

----- Connection Information V2 -----  
Connection Index : 0x03 (3)  
Length : 0x10 (16 bytes)  
SupportedUsbProtocols : 0x03  
Usb110 : 1 (yes)  
Usb200 : 1 (yes)  
Usb300 : 0 (no)  
ReservedMBZ : 0x00  
Flags : 0x00  
DevIsOpAtSsOrHigher : 0 (Is not operating at SuperSpeed or higher)  
DevIsSsCapOrHigher : 0 (Is not SuperSpeed capable or higher)  
DevIsOpAtSsPlusOrHigher : 0 (Is not operating at SuperSpeedPlus or higher)  
DevIsSsPlusCapOrHigher : 0 (Is not SuperSpeedPlus capable or higher)  
ReservedMBZ : 0x00  
Data (HexDump) : 03 00 00 00 10 00 00 00 03 00 00 00 00 00 00 00  
.....

----- Device Descriptor -----  
bLength : 0x12 (18 bytes)  
bDescriptorType : 0x01 (Device Descriptor)  
bcdUSB : 0x200 (USB Version 2.00)  
bDeviceClass : 0x00 (defined by the interface descriptors)  
bDeviceSubClass : 0x00  
bDeviceProtocol : 0x00  
bMaxPacketSize0 : 0x08 (8 bytes)  
idVendor : 0x0403 (Future Technology Devices International Limited)  
idProduct : 0x6001  
bcdDevice : 0x0600  
iManufacturer : 0x01 (String Descriptor 1)  
Language 0x0409 : "FTDI"  
iProduct : 0x02 (String Descriptor 2)  
Language 0x0409 : "TTL232R-3V3"  
iSerialNumber : 0x03 (String Descriptor 3)  
Language 0x0409 : "FTE3UPE2"  
bNumConfigurations : 0x01 (1 Configuration)  
Data (HexDump) : 12 01 00 02 00 00 00 08 03 04 01 60 00 06 01 02  
.....

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----- Configuration Descriptor -----
bLength           : 0x09 (9 bytes)
bDescriptorType   : 0x02 (Configuration Descriptor)
wTotalLength      : 0x0020 (32 bytes)
bNumInterfaces    : 0x01 (1 Interface)
bConfigurationValue : 0x01 (Configuration 1)
iConfiguration    : 0x00 (No String Descriptor)
bmAttributes      : 0x80
  D7: Reserved, set 1 : 0x01
  D6: Self Powered   : 0x00 (no)
  D5: Remote Wakeup  : 0x00 (no)
  D4..0: Reserved, set 0 : 0x00
MaxPower          : 0x2D (90 mA)
Data (HexDump)    : 09 02 20 00 01 01 00 80 2D 09 04 00 00 02 FF FF
.. ..-.....
                      FF 02 07 05 81 02 40 00 00 07 05 02 02 40 00 00
.....@.....@..

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----- Interface Descriptor -----
bLength           : 0x09 (9 bytes)
bDescriptorType   : 0x04 (Interface Descriptor)
bInterfaceNumber  : 0x00
bAlternateSetting : 0x00
bNumEndpoints     : 0x02 (2 Endpoints)
bInterfaceClass   : 0xFF (Vendor Specific)
bInterfaceSubClass : 0xFF
bInterfaceProtocol : 0xFF
iInterface        : 0x02 (String Descriptor 2)
  Language 0x0409 : "TTL232R-3V3"
Data (HexDump)    : 09 04 00 00 02 FF FF FF 02
.....

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----- Endpoint Descriptor -----
bLength           : 0x07 (7 bytes)
bDescriptorType   : 0x05 (Endpoint Descriptor)
bEndpointAddress  : 0x81 (Direction=IN EndpointID=1)
bmAttributes      : 0x02 (TransferType=Bulk)
wMaxPacketSize    : 0x0040 (64 bytes)
bInterval        : 0x00 (ignored)
Data (HexDump)    : 07 05 81 02 40 00 00
....@..

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----- Endpoint Descriptor -----
bLength           : 0x07 (7 bytes)
bDescriptorType   : 0x05 (Endpoint Descriptor)
bEndpointAddress  : 0x02 (Direction=OUT EndpointID=2)
bmAttributes      : 0x02 (TransferType=Bulk)
wMaxPacketSize    : 0x0040 (64 bytes)
bInterval        : 0x00 (ignored)
Data (HexDump)    : 07 05 02 02 40 00 00
....@..

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----- Device Qualifier Descriptor -----
Error           : ERROR_GEN_FAILURE

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----- String Descriptors -----
----- String Descriptor 0 -----
bLength           : 0x04 (4 bytes)
bDescriptorType   : 0x03 (String Descriptor)
Language ID[0]    : 0x0409 (English - United States)

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Data (HexDump)          : 04 03 09 04
....
----- String Descriptor 1 -----
bLength                 : 0x0A (10 bytes)
bDescriptorType         : 0x03 (String Descriptor)
Language 0x0409        : "FTDI"
Data (HexDump)         : 0A 03 46 00 54 00 44 00 49 00
..F.T.D.I.
----- String Descriptor 2 -----
bLength                 : 0x18 (24 bytes)
bDescriptorType         : 0x03 (String Descriptor)
Language 0x0409        : "TTL232R-3V3"
Data (HexDump)         : 18 03 54 00 54 00 4C 00 32 00 33 00 32 00 52 00
..T.T.L.2.3.2.R.
                        2D 00 33 00 56 00 33 00
-.3.V.3.
----- String Descriptor 3 -----
bLength                 : 0x12 (18 bytes)
bDescriptorType         : 0x03 (String Descriptor)
Language 0x0409        : "FTE3UPE2"
Data (HexDump)         : 12 03 46 00 54 00 45 00 33 00 55 00 50 00 45 00
..F.T.E.3.U.P.E.
                        32 00
2.

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