

IoT物联网

FM650模组在windows下 使用介绍

广和通大学计划项目组

2023Q2



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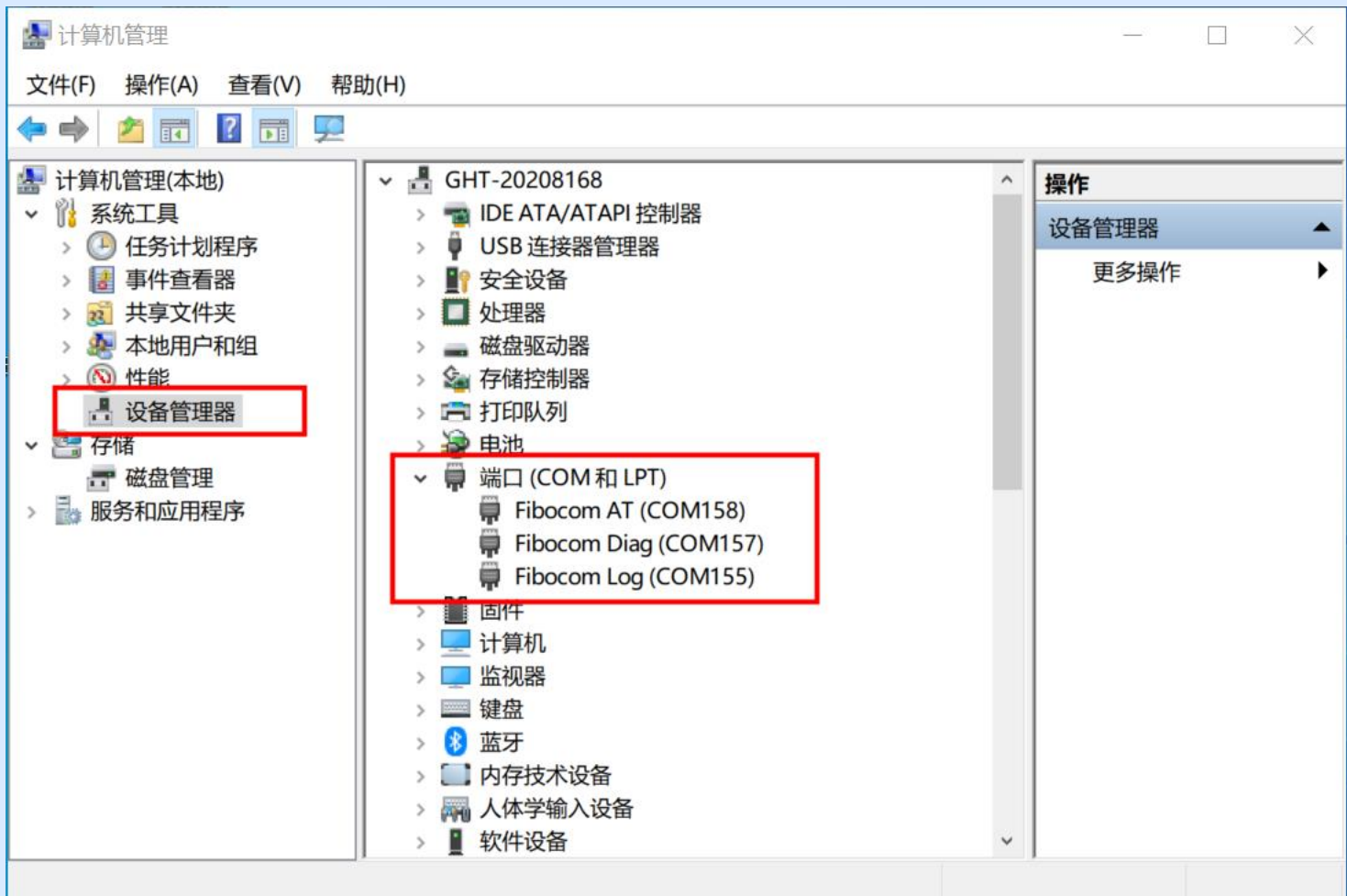
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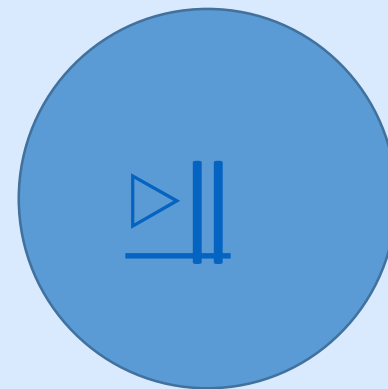
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驱动安装

驱动安装



演示视频:



2

硬件信息确认

硬件信息确认

```
[15:26:15.638]发->◇ATI
□
[15:26:15.640]收<-◆ATI
Manufacturer: Fibocom Wireless Inc.
Model: FM650-CN
Revision: 86600.1000.00.04.01.15
SVN: 01
IMEI: 862138050306328

OK

[15:26:16.335]发->◇AT+CPIN?
□
[15:26:16.337]收<-◆AT+CPIN?
+CPIN: READY

OK

[15:26:20.783]发->◇AT+CESQ
□
[15:26:20.786]收<-◆AT+CESQ
+CESQ: 99,99,255,255,255,255,72,55,61

OK

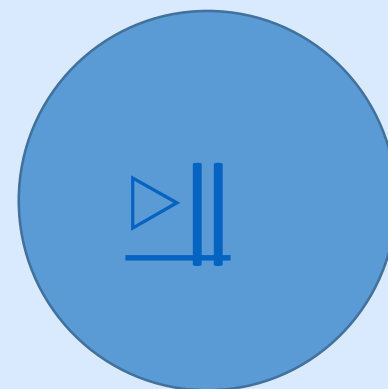
[15:26:24.310]发->◇AT+COPS?
□
[15:26:24.312]收<-◆AT+COPS?
[15:26:24.334]收<-◆
+COPS: 0,0,"CHINA MOBILE",11

OK

[15:26:27.582]发->◇AT+CGREG?
□
[15:26:27.586]收<-◆AT+CGREG?
+CGREG: 0,1

OK
```

演示视频:



3

FM650在Windows下拨号

FM650在Windows下拨号

```
[15:36:41.862]发→◇AT+GTUSEMODE=39
```

```
□
```

```
[15:36:41.867]收←◆AT+GTUSEMODE=39
```

```
OK
```

```
[15:38:23.904]发→◇AT+GTRNDIS?
```

```
□
```

```
[15:38:23.907]收←◆AT+GTRNDIS?
```

```
[15:38:23.975]收←◆
```

```
+GTRNDIS: 0
```

```
OK
```

```
[15:38:31.559]发→◇AT+GTRNDIS=1,1
```

```
□
```

```
[15:38:31.562]收←◆AT+GTRNDIS=1,1
```

```
[15:38:33.380]收←◆
```

```
OK
```

```
[15:38:38.663]发→◇AT+GTRNDIS?
```

```
□
```

```
[15:38:38.667]收←◆AT+GTRNDIS?
```

```
[15:38:38.730]收←◆
```

```
+GTRNDIS:
```

```
1,1,"10.63.26.81,2409:895a:3445:463
```

```
000:0000:0000:0008", "221.179.38.7,2
```

```
OK
```

演示视频:



```
命令提示符
Microsoft Windows [版本 10.0.18363.1621]
(c) 2019 Microsoft Corporation。保留所有权利。

C:\Users\F21L002269>ping www.baidu.com

正在 Ping www.a.shifen.com [120.232.145.185] 具有 32 字节的数据:
来自 120.232.145.185 的回复: 字节=32 时间=29ms TTL=51
来自 120.232.145.185 的回复: 字节=32 时间=57ms TTL=51
来自 120.232.145.185 的回复: 字节=32 时间=26ms TTL=51
来自 120.232.145.185 的回复: 字节=32 时间=53ms TTL=51

120.232.145.185 的 Ping 统计信息:
    数据包: 已发送 = 4, 已接收 = 4, 丢失 = 0 (0% 丢失),
往返行程的估计时间(以毫秒为单位):
    最短 = 26ms, 最长 = 57ms, 平均 = 41ms

C:\Users\F21L002269>
```


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FM650在windows下使用介绍
技术资料链接

FM650在windows下使用介绍技术资料链接

FM650技术资料链接: https://bbs.elecfans.com/jishu_2319079_1_1.html

注: 驱动安装和硬件信息确认见2号文件夹《02--FM650-CN开发板》, Windows下拨号见3号文件夹《03--FM650功能》

完美无线体验

广和通致力于将可靠、便捷、安全、智能的无线通信解决方案普及至每一个物联网应用场景，为用户带来完美无线体验，丰富智慧生活。

We are committed to enabling industries with reliable, accessible, secure, and intelligent IoT wireless solutions and wireless module products to maximize their value, providing a perfect wireless experience to people and enriching smart life of the whole society.

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