

### The Combo Interface of MSR Series Router

**Question :** A new MSR30-40, connect the GigabitEthernet 0/0 with pc by twist pair, why the interface GigabitEthernet 0/0 is always DOWN? And the speed on that interface is not configurable.

**Answer :** Two Combo interfaces are provided of MSR 30-40/30-60/50-40/50-60 routers. It default works at the state of fiber instead of Copper, this is the reason why the interface GigabitEthernet 0/0 is always DOWN.  
To solve this question, following the following steps:

**Enter the interface of the router:**

```
[H3C]interface GigabitEthernet 0/0
```

**Change the pattern to Copper:**

```
[H3C-GigabitEthernet0/0]combo enable copper
```

Now you can check and reset the speed of this interface:

```
[H3C-GigabitEthernet0/0]speed ?
```

```
10 Specify speed of current port 10Mb/s
```

```
100 Specify speed of current port 100Mb/s
```

```
1000 Specify speed of current port
```

```
1000Mb/s
```

```
auto Enable port's speed negotiation automatically
```

```
[H3C-GigabitEthernet0/0]speed auto //auto is default setting
```

**Tip:** the two interfaces of one Combo group, could not working at the same time, because they are looked as only one interface to the router.