

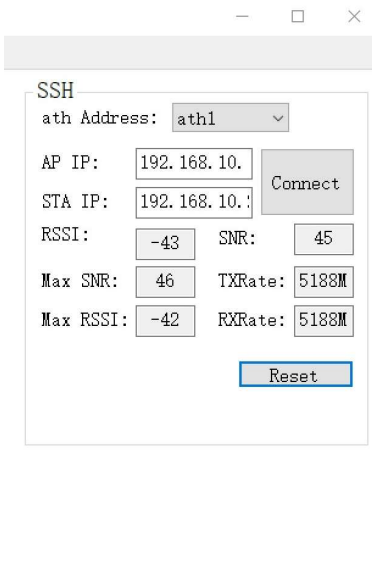
## PtP sub 6 GHz transceiver module HE-FTRX6G



### Hardware Specifications

System RAM	DDR4 SDRAM: 8Gbit * 2 (2GB totally)
ROM	8GB eMMC
Modulation Techniques	OFDM: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM
Expansion	2 x Mini PCI Express v3.0 Slot Connector (1 lane)
Interface	1 x 2.5Gb Ethernet LAN, PoE supported (with PoE module), IEEE802.3af/at/bt 1 x 10Gb SFP+ port 1 x USB 3.0 Type-A 2 x Mini PCI Express v3.0 (2 lane) Slot Connector 1 x DC Jack UART serial port
Reset Button	Yes
DC Power	1x DC Jack Connector: 12V input
Power Consumption	Max. 25 W
Operating Temperature	-20°C to 70°
Storage Temperature	-30° to 85°C
Environmental Humidity	Operating: 5% to 95% Storage: Max. 90%
Mechanical Dimension (L * W * D mm)	Main PCBA: 170 x 140 x 18.85mm, FR4

### 拋物面天線6G1km 吞吐測試



### PTP4100 6G 1km吞吐測試-TX 平均速率3.20Gbit/sec

```

root@OpenWrt: ~
[ 9] 297.00-298.00 sec 156 MBytes 1.31 Gbits/sec 0 6.36 MBytes
[11] 297.00-298.00 sec 75.0 MBytes 629 Mbits/sec 0 6.34 MBytes
[SUM] 297.00-298.00 sec 392 MBytes 3.29 Gbits/sec 0
-----
[ 5] 298.00-299.00 sec 81.8 MBytes 686 Mbits/sec 0 6.13 MBytes
[ 7] 298.00-299.00 sec 78.1 MBytes 655 Mbits/sec 0 6.27 MBytes
[ 9] 298.00-299.00 sec 156 MBytes 1.31 Gbits/sec 0 6.36 MBytes
[11] 298.00-299.00 sec 76.9 MBytes 644 Mbits/sec 0 6.34 MBytes
[SUM] 298.00-299.00 sec 393 MBytes 3.30 Gbits/sec 0
-----
[ 5] 299.00-300.00 sec 80.6 MBytes 676 Mbits/sec 0 6.13 MBytes
[ 7] 299.00-300.00 sec 78.1 MBytes 655 Mbits/sec 0 6.27 MBytes
[ 9] 299.00-300.00 sec 154 MBytes 1.30 Gbits/sec 0 6.36 MBytes
[11] 299.00-300.00 sec 77.5 MBytes 650 Mbits/sec 0 6.34 MBytes
[SUM] 299.00-300.00 sec 391 MBytes 3.28 Gbits/sec 0
-----
[ID] Interval Transfer Bitrate Retr
[ 5] 0.00-300.00 sec 24.9 GBytes 712 Mbits/sec 0 sender
[ 5] 0.00-300.01 sec 24.9 GBytes 712 Mbits/sec 0 receiver
[ 7] 0.00-300.00 sec 23.5 GBytes 673 Mbits/sec 0 sender
[ 7] 0.00-300.01 sec 23.5 GBytes 672 Mbits/sec 0 receiver
[ 9] 0.00-300.00 sec 42.3 GBytes 1.21 Gbits/sec 51 sender
[ 9] 0.00-300.01 sec 42.3 GBytes 1.21 Gbits/sec 51 receiver
[11] 0.00-300.00 sec 21.1 GBytes 605 Mbits/sec 0 sender
[11] 0.00-300.01 sec 21.1 GBytes 604 Mbits/sec 0 receiver
[SUM] 0.00-300.00 sec 112 GBytes 3.20 Gbits/sec 51 sender
[SUM] 0.00-300.01 sec 112 GBytes 3.20 Gbits/sec 51 receiver

iperf Done.
root@OpenWrt: ~#
  
```

## PTP4100 6G 1km吞吐測試-RX 平均速率2.99Gbit/sec

```

root@OpenWrt: ~
[ 9] 297.00-298.00 sec 68.9 MBytes 578 Mbites/sec
[11] 297.00-298.00 sec 81.6 MBytes 685 Mbites/sec
[SUM] 297.00-298.00 sec 370 MBytes 3.10 Gbits/sec
-----
[ 5] 298.00-299.00 sec 78.7 MBytes 660 Mbites/sec
[ 7] 298.00-299.00 sec 138 MBytes 1.16 Gbits/sec
[ 9] 298.00-299.00 sec 62.8 MBytes 527 Mbites/sec
[11] 298.00-299.00 sec 77.7 MBytes 652 Mbites/sec
[SUM] 298.00-299.00 sec 357 MBytes 3.00 Gbits/sec
-----
[ 5] 299.00-300.00 sec 75.3 MBytes 632 Mbites/sec
[ 7] 299.00-300.00 sec 140 MBytes 1.17 Gbits/sec
[ 9] 299.00-300.00 sec 67.1 MBytes 563 Mbites/sec
[11] 299.00-300.00 sec 75.3 MBytes 631 Mbites/sec
[SUM] 299.00-300.00 sec 358 MBytes 3.00 Gbits/sec
-----
[ ID] Interval      Transfer      Bitrate      Retr
[ 5] 0.00-300.01 sec 22.3 GBytes 640 Mbites/sec 0
[ 5] 0.00-300.00 sec 22.3 GBytes 640 Mbites/sec receiver
[ 7] 0.00-300.01 sec 39.6 GBytes 1.13 Gbits/sec 0
[ 7] 0.00-300.00 sec 39.6 GBytes 1.13 Gbits/sec receiver
[ 9] 0.00-300.01 sec 19.6 GBytes 560 Mbites/sec 0
[ 9] 0.00-300.00 sec 19.5 GBytes 560 Mbites/sec receiver
[11] 0.00-300.01 sec 22.9 GBytes 657 Mbites/sec 0
[11] 0.00-300.00 sec 22.9 GBytes 656 Mbites/sec receiver
[SUM] 0.00-300.01 sec 104 GBytes 2.99 Gbits/sec 0
[SUM] 0.00-300.00 sec 104 GBytes 2.99 Gbits/sec receiver

iperf Done.
root@OpenWrt:~#

```