

TPS-1525 FPGA Mining Machine_Test Report

TalentPros System Innovation Co.,Ltd.

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Innovation Co.,Ltd.*

Real Demo Case1 : Whitefire 13Gh/s 0xToken

Board power consumption

Power in 12V@19.2A 230W

XCVU9P

VRM :0.73V / Chip VCCINT 0.71V@158A

Chip temperature 54 degree C

VRM Temperature

power MOS temperature 55 degree C

PCBA Temperature 38 degree C

Hash Rate

12.xx ~ 13.xx GH/S

Error Rate

0.002%

Pool Hash Rate : 12.x GH/S

13GH/S Test Video

<https://www.youtube.com/watch?v=veS0OdkXO-g&t=6s>

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Real Demo Case2 : Whitefire 15Gh/s 0xToken

Board power consumption

Power in 12V@23.7A 285W

XCVU9P

VRM :0.74V / Chip VCCINT 0.71V@187.5A

Chip temperature 61 degree C

VRM Temperature

power MOS temperature 63 degree C

PCBA Temperature 43 degree C

Hash Rate

15.xx GH/S

Error Rate

0.02%

Pool Hash Rate : 14.x GH/S

[15 GH/S Test Video](https://www.youtube.com/watch?v=4Eds33fqgqU&t=2s)

<https://www.youtube.com/watch?v=4Eds33fqgqU&t=2s>

<https://www.youtube.com/watch?v=15W16jRGg-l>

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Real Demo Case3 : Whitefire 17Gh/s 0xToken

Board power consumption

Power in 12V@32.3A 387W

XCVU9P

VRM:0.79V/ Chip VCCINT 0.76V@227.5A

Chip temperature 66 degree C

VRM Temperature

power MOS temperature 87 degree C

PCBA Temperature 47.5 degree C

[17GH/S Test Video](#)

https://youtu.be/Gv8PQHq6_rQ

Hash Rate

17.xx GH/S

Error Rate

1.9 %

Pool Hash Rate : 15.x GH/S

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Real Demo Case4 : DC 1.95Gh/s Tribus

Board power consumption

Power in 12V@17.2A 206W

XCVU9P

VRM:0.72V/ Chip VCCINT 0.7V@148A

Chip temperature 57 degree C

VRM Temperature

power MOS temperature 52 degree C

PCBA Temperature 37 degree C

Hash Rate

1.95 GH/S

Pool Hash Rate : 1.8xGH/S

1.95GH/S Test Video

<https://www.youtube.com/watch?v=PaMJ-Kh8Ykw>

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Real Demo Case5 : DC 12.6Gh/s Zen Protocol

Board power consumption

Power in 12V@19A 228W

XCVU9P

VRM:0.72V/ Chip VCCINT 0.7V@145A

Chip temperature 56 degree C

VRM Temperature

power MOS temperature 55 degree C

PCBA Temperature 38 degree C

Hash Rate

No display GH/S on miner software

Pool Hash Rate : 12.x GH/S

[12.6GH/S Test Video](#)

<https://youtu.be/PUCXcMwZi6c>

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