WHATSMINER
ERROR CODE

Meaning of Error Code and Corresponding Solutions on WhatsMiner Tool
When using WhatsMiner, you may encounter various error codes. Below is a detailed list of these error codes, their meanings, and corresponding solutions to help you troubleshoot and resolve any issues efficiently.

1. Fan Errors

Error Code	Meaning	Corresponding Solutions
110	Inlet fan detection speed error	Check whether the fan connection is normal, replace the power supply, or replace the fan
111	Outlet fan detection speed error	Replace the fan
120	Inlet fan speed error (Deviation 2000+)	Check fan connection, replace if necessary
121	Outlet fan speed error (Deviation 2000+)	Replace the fan
130	Inlet fan speed error (Deviation 3000+)	Replace the fan
131	Outlet fan speed error (Deviation 3000+)	Replace the fan
140	Fan speed is too high	Check the environment temperature

2. Power Errors

Error Code	Meaning	Corresponding Solutions
200	Power detection error, no PSU found	Check the power output wiring, update the latest firmware, or replace the PSU
201	PSU is not compatible with the profile	Replace the correct PSU
202	PSU output voltage error	Upgrade the latest firmware or check the PSU
203	Power protection	Check the ambient temperature
204	Power current protection	Replace the power supply
206	Power input voltage low	Improve the PSU conditions and input voltage
208	PSU changes too much	Replace the power supply

3. Temperature and Overheating Errors

Error Code	Meaning	Corresponding Solutions
233	Over temperature protection of power output	Check the environment temperature
236	Overcurrent protection of power output	Check the copper row screw and temperature
243	Over temperature protection for power input	Ensure proper ventilation
360	Hash board overheating	Reduce environment temperature
600	Environment temperature too high	Check and improve ventilation
610	Ambient temperature too high in high-performance mode	Switch to normal mode

4. Hash Board and Control Board Errors

Error Code	Meaning	Corresponding Solutions
309	All temperature sensor detection errors	Check the connection of the hashboard
329	Control board temperature sensor communication error	Replace the power supply
41X	SMX detect EEPROM error	Check adapter board and wiring contact
42X	SMX parser EEPROM error	Upgrade firmware
51X	SMX miner type error	Replace the correct hashboard
53X	SMX not found	Check the adapter board connection
55X	SMX bad chips detected	Contact after-sales support

5. Mining Pool and Connection Errors

Error Code	Meaning	Corresponding Solutions
2000	No pool information configured	Check pool configuration
2010	All pools are disabled	Check network or mining pool settings
2020	Mining pool 0 connection failed	Verify network connection
2030	Mining pool rejection rate is too high	Adjust mining settings
2040	The pool does not support ASICBoost mode	Verify pool compatibility

| 2050 | Failed to switch to new pool | Check network and pool settings |

6. Firmware and Software Errors

Error Code	Meaning	Corresponding Solutions
8000	WhatsMinerTool version too low	Download and install the latest WhatsMinerTool
8010	Frequency not up to standard	Upgrade to the latest software
8020	Hashrate not up to standard	Ensure proper cooling and update software
8400	Wrong software version installed	Upgrade to the correct version
8410	Incorrect firmware version for miner model	Flash the correct firmware
8700	Miner and PSU model mismatch	Replace with the correct PSU

7. PSU-Specific Errors

Error Code	Meaning	Processing Method
0x0001	Input voltage too low	Check the power supply
0x0008	Over temperature protection	Let the PSU cool and restart
0x0040	Output overcurrent (320A for more than 2s)	Tighten the copper bar screw
0x0800	Fan failure	Replace the PSU
0x2000	Continuous overload (295A for 10 min)	Check PSU conditions

Conclusion

WhatsMiner error codes help diagnose common issues related to fan speeds, power supply, hashboard errors, and mining pool connectivity. By following the corresponding solutions outlined above, you can efficiently troubleshoot your WhatsMiner device and keep it running optimally