WhatsMinerTool Error Code Description

20250212

Error code	Reason	Processing Method
110	Fanin detect speed error	Check whether the fan connection is normal, or replace the power supply, or replace the fan
111	Fanout detect speed error	Check whether the fan connection is normal, or replace the power supply, or replace the fan
120	Fanin speed error（Deviation 2000+）	Check whether the fan connection is normal, or replace the power supply, or replace the fan
121	Fanout speed error（Deviation 2000+）	Check whether the fan connection is normal, or replace the power supply, or replace the fan
130	Fanin speed error（Deviation 3000+）	Check whether the fan connection is normal, or replace the power supply, or replace the fan
131	Fanout speed error（Deviation 3000+）	Check whether the fan connection is normal, or replace the power supply, or replace the fan
140	Fan speed is too high	Check the ambient temperature
200	Power probing error, no power found	Detect the power supply flat cable, or update to the latest firmware, or replace the power supply
201	Power supply and configuration file mismatch	Confirm the power supply type, such as mixing P21D and P21E, and replace with the correct power supply
202	Power output voltage error	Upgrade to the latest firmware or check the power supply
203	Power protecting	Check the ambient temperature
204	Power current protecting	Check the ambient temperature
205	Power current error	Check the power supply of power grid
206	Power input voltage is low	Improve the power supply conditions and increase the input voltage if the input voltage is too low, or replace the power supply if the input voltage is too high
207	Power input current protecting	Improve the power supply conditions and increase the input voltage
208	Power supply changes too much	Replace the power supply
209	The deviation value between the power supply setting voltage and the actual voltage suddenly changes.	Replace the power supply
210	Power error status	Check power supply failure code
211	Power output current deviation is too large	Replace the power supply
212	Power output voltage margin is insufficient	Consult after-sales personnel
213	Power input voltage and current do not match the power	Replace the power supply
214	Power pin did not change	Contact after-sales personnel
215	Power vout set error	Contact after-sales personnel
216	Power remained unchanged for a long time	Replace the power supply
217	Power set enable error	Replace the power supply
218	Power input voltage is lower than 230V for high power mode	Improve the power supply conditions and increase the input voltage if the input voltage is too low, or replace the power supply if the input voltage is too high
219	Power input current is incorrect	Replace the power supply
233	Power output over temperature protection	Check the ambient temperature
234	Power output over temperature protection	Check the ambient temperature
235	Power output over temperature protection	Check the ambient temperature

236	Overcurrent Protection of Power Output	Check the ambient temperature, and check screws of the copper bar
237	Overcurrent Protection of Power Output	Check the ambient temperature, and check screws of the copper bar
238	Overcurrent Protection of Power Output	Check the ambient temperature, and check screws of the copper bar
239	Overvoltage Protection of Power Output	Check the power supply of power grid
240	Low Voltage Protection for Power Output	Check the power supply of power grid
241	Power output current imbalance	Replace the power supply
243	Over-temperature Protection for Power Input	Check the ambient temperature
244	Over-temperature Protection for Power Input	Check the ambient temperature
245	Over-temperature Protection for Power Input	Check the ambient temperature
246	Overcurrent Protection for Power Input	Replace the power supply
247	Overcurrent Protection for Power Input	Replace the power supply
248	Overvoltage Protection for Power Input	Check the power supply of power grid
249	Overvoltage Protection for Power Input	Check the power supply of power grid
250	Undervoltage Protection for Power Input	Check the power supply of power grid
251	Undervoltage Protection for Power Input	Check the power supply of power grid
253	Power Fan Error	Replace the power supply
254	Power Fan Error	Replace the power supply
255	Protection of over power output	Check the ambient temperature
256	Protection of over power output	Check the ambient temperature
257	Input over current protection of power supply primary side	Try to power off and restart, and replace the power supply if there is no effect
258	Power input three-phase voltage imbalance warning	Check the power supply of power grid
259	Power input three-phase voltage unbalance protection	Check the power supply of power grid
263	Power communication warning	Check whether screws of the control board are locked
264	Power communication error	Check whether screws of the control board are locked
267	Power watchdog protection	Contact after-sales personnel
268	Power output over-current protection	Check the ambient temperature, and check screws of the copper bar
269	Power input over-current protection	Improve the power supply conditions and increase the input voltage
270	Power input over-voltage protection	Check the power supply of power grid
271	Power input under-voltage protection	Check the power supply of power grid
272	Warning of excessive power output of power	Check the ambient temperature
273	Power input power too high warning	Check the ambient temperature
274	Power fan warning	Check if the power supply fan is blocked, or try to replace the power supply
275	Power over temperature warning	Check the ambient temperature
28X-29X	Power custom register error	Contact after-sales personnel
30X	SMX temperature sensor detection error	Check the wiring of the hashboard
309	All temperature sensor detection errors	Check the wiring of the hashboard
32X	SMX temperature reading error	Check whether screws of the control board are locked properly, and check the contact situation between adapter board and flat cable
326	Liquid cooling temperature sensor communication error	Replace the power supply

329	Control board temperature sensor communication error	Replace the power supply
35X	SMX temperature protecting	Check the ambient temperature
360	The temperature of the hashboard is overheating	Check the ambient temperature
370	The environment temperature fluctuates too much	Check the ambient temperature, or check the ambient wind direction and wind speed
41X	SMX detect eeprom error	Check the contact situation between adapter board and flat cable
42X	SMX parser eeprom error	Upgrade to the latest firmware
43X	SMX chip bin type error	Upgrade to the latest firmware
44X	SMX eeprom chip num X error	Upgrade to the latest firmware
45X	SMX eeprom xfer error	Check the contact situation between adapter board and flat cable, and upgrade to the latest firmware
500	No software configuration is added for the model	Upgrade to the latest firmware
51X	SMX miner type error	Due to inconsistent version and type of hashboards, replace with the correct hashboard
52X	SMX bin type error	Due to inconsistent chip type of hashboards, replace with the correct hashboard
53X	SMX not found	Check the connection and flat cable of the adapter board, or replace the control board, check whether there is solder void in the connector of the hashboard
54X	SMX reading chip id error	Power off, unplug and plug in the adapter board again or swap the position of the hashboards
55X	SMX have bad chips	Contact after-sales personnel
56X	SMX loss balance	Power off, unplug and plug in the adapter board again or swap the position of the hashboards
57X	SMX xfer error chip	Contact after-sales personnel
58X	SMX reset error	If the hashrate is abnormal, consult after-sales personnel
59X	SMX frequency too low	Contact after-sales personnel
600	Environment temperature is high	Check the ambient temperature, which needs to be controlled below 35 ℃ in normal mode
610	If the ambient temperature is too high in high performance mode, return to normal mode	Check the ambient temperature, which needs to be controlled below 30 ℃ in high performance mode
620	Liquid cooling liquid temperature protection	Check the liquid temperature
652	The liquid temperature fluctuation is too large.	Check the liquid temperature.
701	Control board no support chip	Upgrade the firmware of the corresponding type
702	Control board version unknown	Contact after-sales personnel
710	Control board rebooted as exception	Update to the latest firmware, and check whether screws of the control board are locked properly, replace the control board if there is no effect
712	Control board rebooted as exception	Update to the latest firmware, and check whether screws of the control board are locked properly, replace the control board if there is no effect
714	The network connection is seriously unstable	Check the network cable connection or replace the control board
72X	SMX serial port communication error	Upgrade the firmware or replace the control board
800	Cgminer checksum error	Re upgrade firmware
801	System-monitor checksum error	Re upgrade firmware

802	Remote-daemon checksum error	Re upgrade firmware
810	Air to liquid or Adjust frequency and PCBSN does not match	Re upgrade the air cooling to immersion cooling firmware or re adjust the frequency
820	Air to liquid or Adjust frequency and PSUSN does not match	Re upgrade the air cooling to immersion cooling firmware or re adjust the frequency
901	Power rate error	Check whether the miner has been modified
90XX	The process exited abnormally	Upgrade the newest firmware on our website, and if it does not work, consult after-sales personnel
2000	No pool information configured	Check pool configuration
2010	All pools are disable	Check the network environment or pool configuration
2020	Pool0 connect failed	Check the network environment or pool configuration
2021	Pool1 connect failed	Check the network environment or pool configuration
2022	Pool2 connect failed	Check the network environment or pool configuration
2030	High rejection rate of pool	Check the network environment or pool configuration, and setting of mining currency
2040	The pool does not support the asicboost mode	Check the pool configuration
2050	Failed to switch to a new pool.	Check the network environment or pool configuration
2310	Hash rate is too low	Check the power supply of power grid, network environment, and ambient temperature
2320	Hash rate is too low	Check the power supply of power grid, network environment, and ambient temperature
2340	The loss of hash rate is too high	Check the power supply of power grid, network environment, and ambient temperature
2350	The loss of hash rate is too high	Check the power supply of power grid, network environment, and ambient temperature
501X	SMX chip voltage too low	Contact after-sales personnel
502X	chip voltage change	Replace the power supply
503X	The maximum and minimum temperature difference of the SMX chip is too large	Check heat dissipation of miner
504X	SMX temperature maximum chip temperature difference is too large	Check heat dissipation of miner
505X	SMX chip temperature protection	Check the ambient temperature
507X	SMX liquid velocity is abnormal	Check if water flow is normal
5079	The liquid flow rate is too slow.	Check the velocity of flow of liquid
508X	SMX chip temperature calibration failed	Try to restore factory settings and recalibrate
5090	Chip temperature calibration abnormality	Try to stop miner for a while, and then restart it, or restore factory settings, or check heat dissipation of hashboard.
511X	SMX Frequency Up Timeout	Try to reboot, tighten screws of the copper bar on hashboards, or upgrade to the latest firmware
8000	WhatsminerTool version is too low	Download the latest WhatsminerTool
8010	Frequency is not up to standard	Upgrade to the latest firmware or restore factory settings
8020	hashrate is not up to standard	Upgrade to the latest firmware or restore factory settings
8400	Wrong software version (older or not the official version)	Upgrade to the correct official firmware version
8410	Wrong software version (M2x mining rig uses M3x firmware, or M3x uses M2x firmware)	Upgrade to the correct firmware version
8700	Minere and power supply model do not match	Replace with the correct power supply

52XBBB	SMX chip BBB error nonce	Contact after-sales personnel
53XBBB	SMX chip BBB few nonce	Contact after-sales personnel
54XBBB	SMX chip temp protected	Restart the miner, and contact after-sales personnel if it doesn't work
55XBBB	SMX chip BBB is reset	Replace the power supply, and contact after-sales personnel if it doesn't work
56XBBB	SMX chip BBB does not return nonce at all	Replace the power supply, and contact after-sales personnel if it doesn't work
100000	Security library error	Upgrade to the latest firmware or burn the card
100001	/antiv/signature Illegal	Upgrade to the latest firmware or burn the card
100002	/antiv/dig/initd.dig Illegal	Upgrade to the latest firmware or burn the card
100003	/antiv/dig/pf_partial.dig Illegal	Upgrade to the latest firmware or burn the card
100100	Security btminer be removed	Upgrade to the latest firmware or burn the card
110000	Security illegal file	Upgrade to the latest firmware or burn the card
110001	Security virus 0001 is removed	Upgrade to the latest firmware or burn the card

PSU Error code	Reason	Processing Method
0x0001	Input voltage is too low,need improvement	Check the power provided from the power supply
0x0002	Temperature sampling over temperature protection of power radiator	Turn off the power for 10 minutes and then turn it back on. If the phenomenon recurs, replace the power supply
0x0004	Temperature sampling over temperature protection of power radiator	Turn off the power for ten minutes and then turn it back on. If the phenomenon recurs, replace the power supply
0x0008	Over temperature protection of environmental temperature sampling in power supply	Turn off the power for ten minutes and then turn it back on. If the phenomenon recurs, replace the power supply
0x0010	Primary side over current	Turn off the power for ten minutes and then turn it back on. If the phenomenon recurs, replace the power supply
0x0020	Output undervoltage	Check the power provided from the power supply
0x0040	Output over current (continuous load 320A for more than 2S)	Tighten screws of the copper bar again
0x0080	Primary side over current	Turn off the power for ten minutes and then turn it back on. If the phenomenon recurs, replace the power supply
0x0100	Single circuit overcurrent (protection point 120a)	Tighten screws of the copper bar again
0x0200	Single circuit overcurrent (protection point 120a)	Tighten screws of the copper bar again
0x0400	Single circuit overcurrent (protection point 120a)	Tighten screws of the copper bar again
0x0800	Fan failure	Replace the power supply
0x1000	Output over current (continuous load of 310A for more than 5min)	Tighten screws of the copper bar again
0x2000	Output over current (continuous load 295A for more than 10min)	Tighten screws of the copper bar again