

Log Description

Log Page:

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-avalon10-freq 465 490 514-5 39 -avalon10-voltage-level 69 ] ADJ[2] MPO[3150] MVL[87] ATABD0[465 490 514 539] ATABD1[465 490 514 539] ATABD2[465 490 514 539] WORKMODE[1], MM Count: 1, Smart Speed: 1, Voltage Level Offset: 0, Nonce Mask: 25]
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Field	Name	Remark
When	MM Board elapsed time	
Elapsed	Total running time of miner after starting (unit: seconds)	Hash Board total elapsed time
Ver	Miner firmware version number	T is not committed ,only for internal test
DNA	Miner is the only one ID in the world	
MEMFREE	Remaining memory	
NETFAIL	The time to disconnect from the pool and the time to resume the connection after the pool is successfully connected (network blocking).	The odd number (items 1, 3, 5 and 7) is the time to disconnect from the pool, and the even number (items 2, 4, 6 and 8) is the time to resume the connection with the ore pool. The time is in seconds, and the starting time of miner is the 0 second.
SYSTEMSTATU	The current status of the system, including the working status and the number of hash boards in	

	operation.	
BOOTBY	System reboot cause	0: AM_BOOTBY_CLEAR 1: AM_BOOTBY_POWRON 2: AM_BOOTBY_OVERHEAT 3: AM_BOOTBY_NETFAIL 4: AM_BOOTBY_WEB 5: AM_BOOTBY_API 6: AM_BOOTBY_OPTIONS 7: AM_BOOTBY_POLLING 8: AM_BOOTBY_POOL_INACTIVE 9: AM_BOOTBY_LOW_MEM 10: AM_BOOTBY_UNKNOWN
LW	Localwork, mm board send work number to chip	In the ideal state, LW / time / number of chips = 2 (two jobs in one second), generally < 3, and if it is greater than 3, the hash power will not be enough.
MH	How many calculation fault of each hash board	Normal smaller than 2/10000
HW	Hardware Error	
DH	Average Calculation error ratio. normal 0.6-1.6%.	
Temp	Ambient temperature	
TMax	Maximum chip temperature.	
TAvg	Average chip temperature.	
Fan1	FAN 1 Rotate speed	
Fan2	FAN 2 Rotate speed	
FanR	FAN rotating speed ratio	
Vo	Average chip voltage	Power supply output voltage/serial number
PS	PS status	The meanings of items 1-6 are as follows: Item 1: error code. Other values indicate power failure or output short circuit. Item 2: supply voltage to the control panel. The normal value is 12xx. Item 3: the voltage supplied to the hash board is normally between 1200 and 1400 (unit: 10mV). Item 4: the current output by

		<p>the power supply to the hash board is related to the output power and voltage.</p> <p>Item 5: output power of the power supply to the hash board.</p> <p>Item 6: the expected output voltage of the power supply to the hash board, which is configured by the control board. If the six parameters in PS field of power supply are all 0, the control board cannot communicate with the power supply.</p>
PLL	Core number of each frequency	
PLLCNT	On which frequency is the core of each chip distributed	
GHSspd	New theoretic hashrate	
GHSmm	Logical hashrate, unit GH/s.	Note: the actual hashrate is the theoretical hashrate minus DH (hash error rate).
GHSavg	1 hour average hashrate	According to the 1-hour average hashrate calculated by the actual submitted work, this value is the closest to the 24-hour average hashrate at the pool end.
WU	Submit effective work every minute	
Freq	Actual Frequency (average frequency)	The chip works at different frequencies, and the equivalent frequency is the comprehensive equivalent frequency of the whole miner $\text{Frep} \times \text{core number} = \text{Theoretic hash power}$
Led	White LED Status	When you need to find a specific miner in many miners, use API to light up the miner's white LED. Here is the status of whether the white LED light is on, 0 means not on, 1 means

		on, 2 means aging completed
MGHS	Hashrate of each hashboard,unit GH/s	Value addition=GHSavg
MTmax	Maximum chip temperature in a single power board	
MTavg	Average chip temperature of a single power board	
TA	ASIC total chip number	
PING	How long did it take from submission to receiving	Unit ms
ECHU	Error code	ECHU display 0 or 512 indicates normal, if display 513 indicates abnormal, overheating will display 128
ECMM	MMboard status mark	When ECMM [0], it means that the MM board is in normal state. When ECMM [1], it means that the MM board may have problems, or it may have poor contact with the hash board. The specific problem of the hash board can be judged by the value returned below. When Echu displays 0 or 512, it means normal. If Echu displays 513, it means abnormal.
SFO	Frequency point configuration status of Hashboard 0.	For example, SFO [500 525 550 575] indicates that frequency point 1 is 500MHz and frequency point 4 is 575mhz.
SF1	Hashboard 1 frequency point configuration status.	
PVT_T0	Temperature list of all chips of Hashboard 0.	
PVT_T1	Temperature list of all chips of hashboard 1.	
PVT_V0	Voltage list of all chips of hashboard 0.	
PVT_V1	Voltage list of all chips of hashboard 1.	
MW	The total nonce value calculated by the chip	
MWO	Nonce value calculated by each chip	
CRC	Number of communication errors	It's normal if it doesn't rise

		with time, but it's also a problem if the value is large
SoftOFF	Soft off flag	Normal is SoftOFF[0], SoftOFF[1] means soft turn off .
ATAOPTS0	Low power mode parameter	
ATAOPTS1	High performance parameter	
ATABD	Frequency	
WORKMODE	Mode parameter	WORKMODE[0] low power mode, WORKMODE[1] high performance mode .
MPO	Object power consumption	
MVL	Voltage upper limit	
ADJ	Aging parameter	Adj [1] is displayed before aging. When adj [0] is displayed, aging is in progress. When adj [2] is displayed, aging is completed. When adj [1] is displayed after restart, aging is in progress.
POWS	PSU status parameter	Pows[1] PSU bad Pows[0] PSU good
HASHS	HASH board parameter	HASHS[1]hashboard bad, HASHS[0]hashboard good
POOLS	Pool connection	POOLS [1]Pool network good POOLS [0]Pool network bad