

Byteon Firmware Settings Tutorial

2025/06

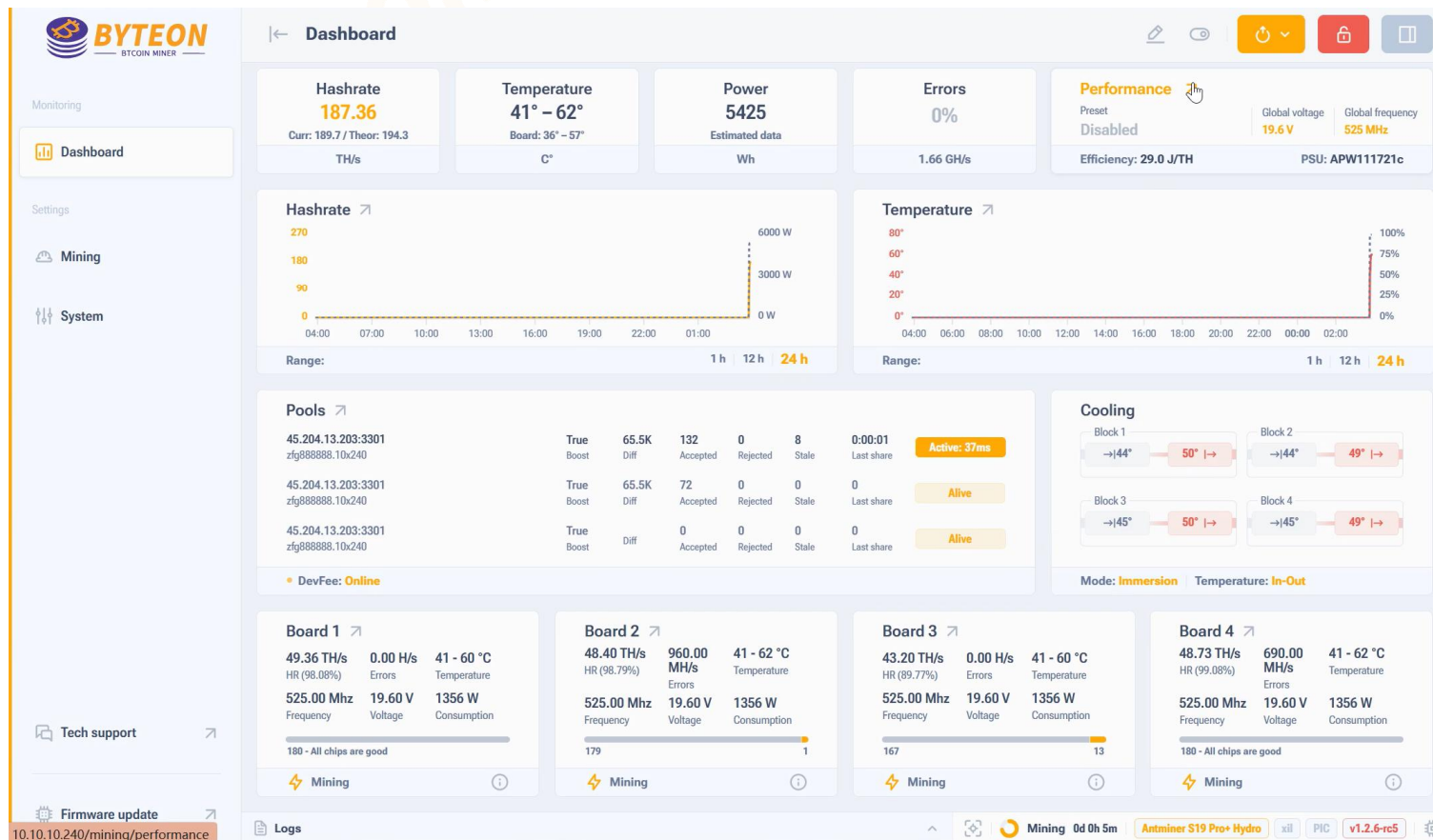
Byteon

Part One

Performance Data Setting

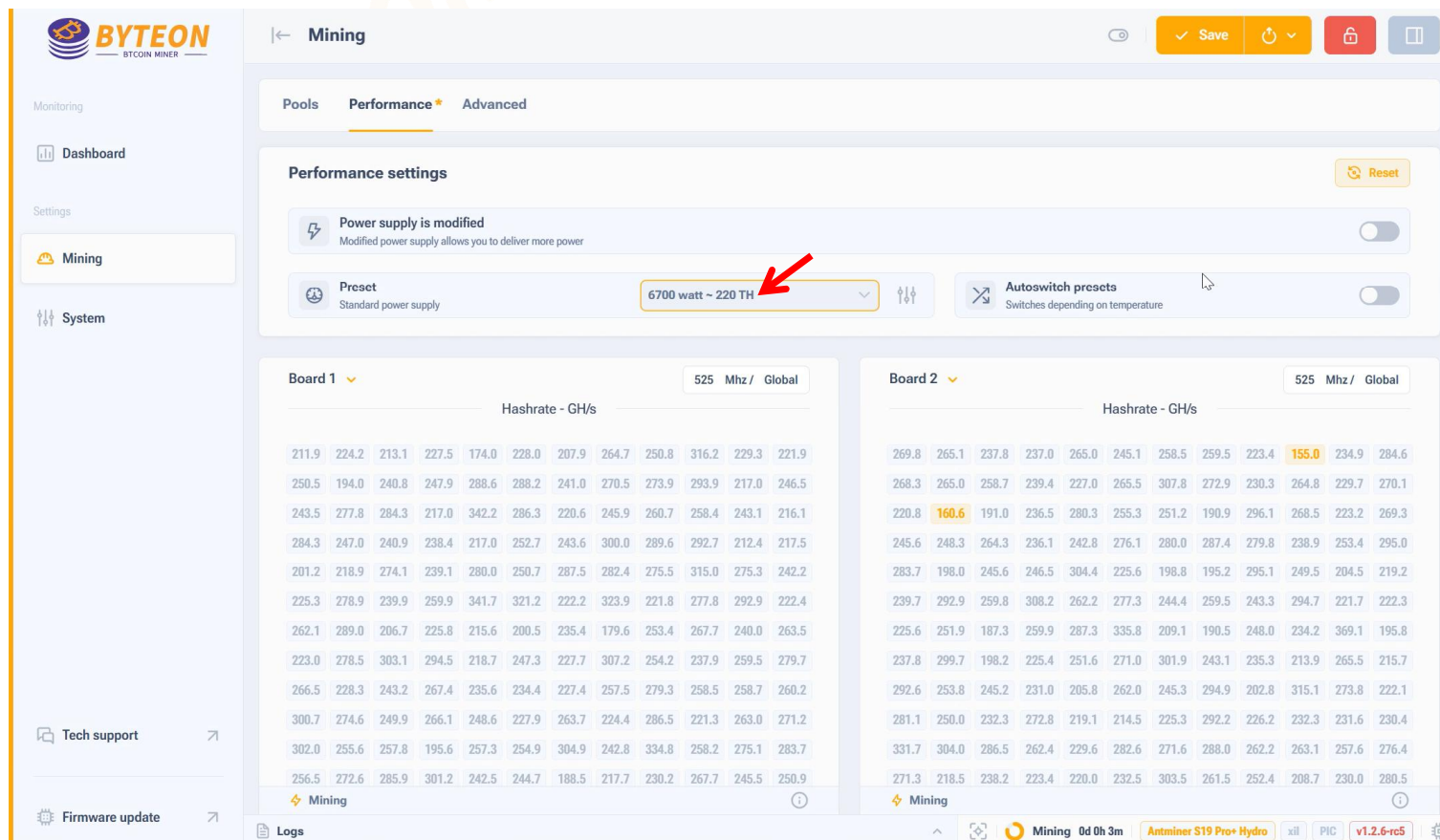
[Dashboard] -> click ↗ open performance details

Performance



Select the power-hashrate level, update from the rated hashrate.

[Mining] -> Performance -> Preset -> Select the preset hashrate



Performance settings

Power supply is modified
Modified power supply allows you to deliver more power

Preset: 6700 watt ~ 220 TH

Autoswitch presets
Switches depending on temperature

Board 1 Hashrate - GH/s

525 Mhz / Global											
211.9	224.2	213.1	227.5	174.0	228.0	207.9	264.7	250.8	316.2	229.3	221.9
250.5	194.0	240.8	247.9	288.6	288.2	241.0	270.5	273.9	293.9	217.0	246.5
243.5	277.8	284.3	217.0	342.2	286.3	220.6	245.9	260.7	258.4	243.1	216.1
284.3	247.0	240.9	238.4	217.0	252.7	243.6	300.0	289.6	292.7	212.4	217.5
201.2	218.9	274.1	239.1	280.0	250.7	287.5	282.4	275.5	315.0	275.3	242.2
225.3	278.9	239.9	259.9	341.7	321.2	222.2	323.9	221.8	277.8	292.9	222.4
262.1	289.0	206.7	225.8	215.6	200.5	235.4	179.6	253.4	267.7	240.0	263.5
223.0	278.5	303.1	294.5	218.7	247.3	227.7	307.2	254.2	237.9	259.5	279.7
266.5	228.3	243.2	267.4	235.6	234.4	227.4	257.5	279.3	258.5	258.7	260.2
300.7	274.6	249.9	266.1	248.6	227.9	263.7	224.4	286.5	221.3	263.0	271.2
302.0	255.6	257.8	195.6	257.3	254.9	304.9	242.8	334.8	258.2	275.1	283.7
256.5	272.6	285.9	301.2	242.5	244.7	188.5	217.7	230.2	267.7	245.5	250.9

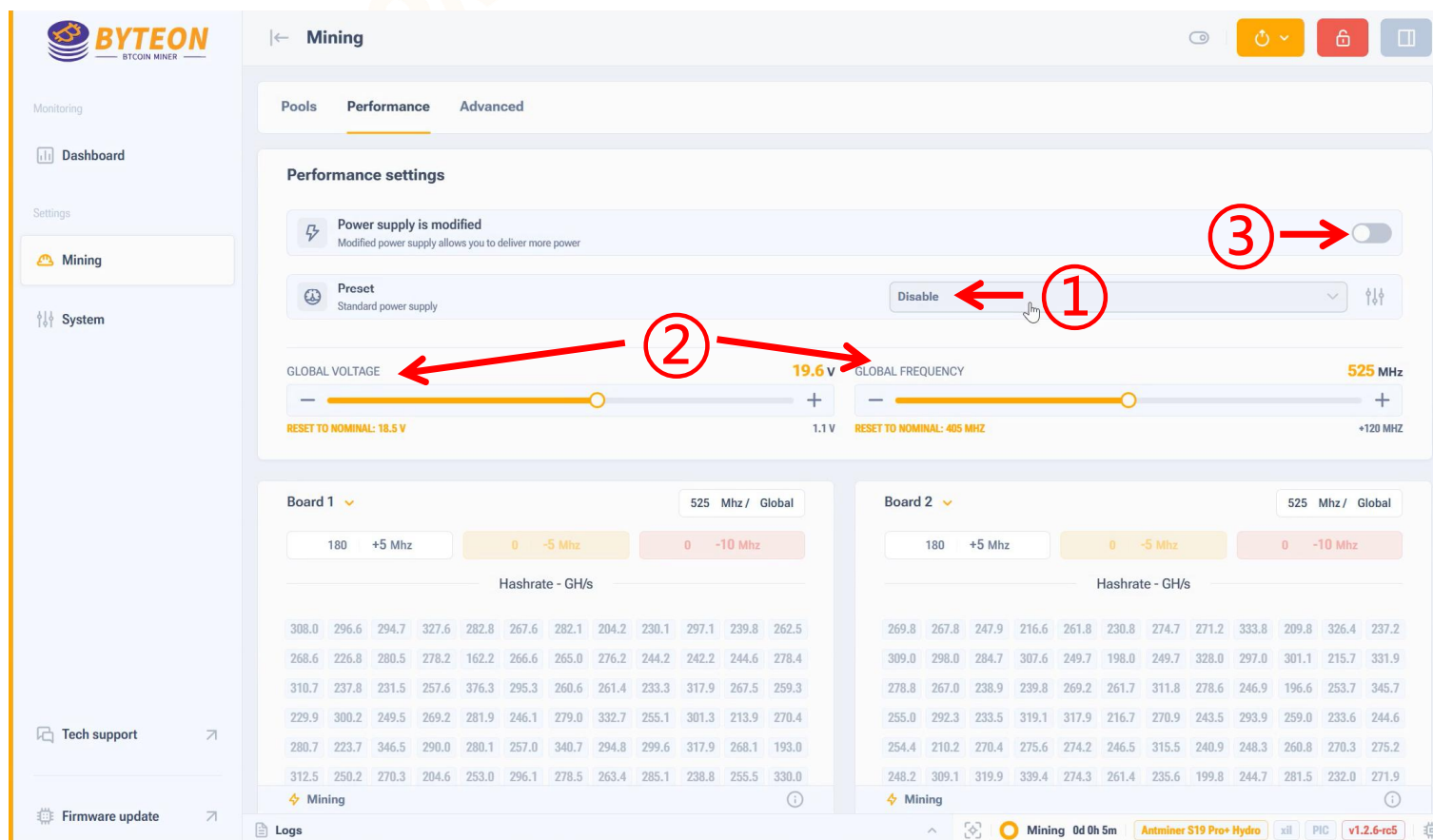
Board 2 Hashrate - GH/s

525 Mhz / Global											
269.8	265.1	237.8	237.0	265.0	245.1	258.5	259.5	223.4	155.0	234.9	284.6
268.3	265.0	258.7	239.4	227.0	265.5	307.8	272.9	230.3	264.8	229.7	270.1
220.8	160.6	191.0	236.5	280.3	255.3	251.2	190.9	296.1	268.5	223.2	269.3
245.6	248.3	264.3	236.1	242.8	276.1	280.0	287.4	279.8	238.9	253.4	295.0
283.7	198.0	245.6	246.5	304.4	225.6	198.8	195.2	295.1	249.5	204.5	219.2
239.7	292.9	259.8	308.2	262.2	277.3	244.4	259.5	243.3	294.7	221.7	222.3
225.6	251.9	187.3	259.9	287.3	335.8	209.1	190.5	248.0	234.2	369.1	195.8
237.8	299.7	198.2	225.4	251.6	271.0	301.9	243.1	235.3	213.9	265.5	215.7
292.6	253.8	245.2	231.0	205.8	262.0	245.3	294.9	202.8	315.1	273.8	222.1
281.1	250.0	232.3	272.8	219.1	214.5	225.3	292.2	226.2	232.3	231.6	230.4
331.7	304.0	286.5	262.4	229.6	282.6	271.6	288.0	262.2	263.1	257.6	276.4
271.3	218.5	238.2	223.4	220.0	232.5	303.5	261.5	252.4	208.7	230.0	280.5

Footer: Mining 0d 0h 3m Antminer S19 Pro+ Hydro xil PIC v1.2.6-rc5

Select the Preset data
Save and Restart
mining.
Then the miner will
start outotuning.

[Mining] -> Performance -> DIY Preset- Whole miner

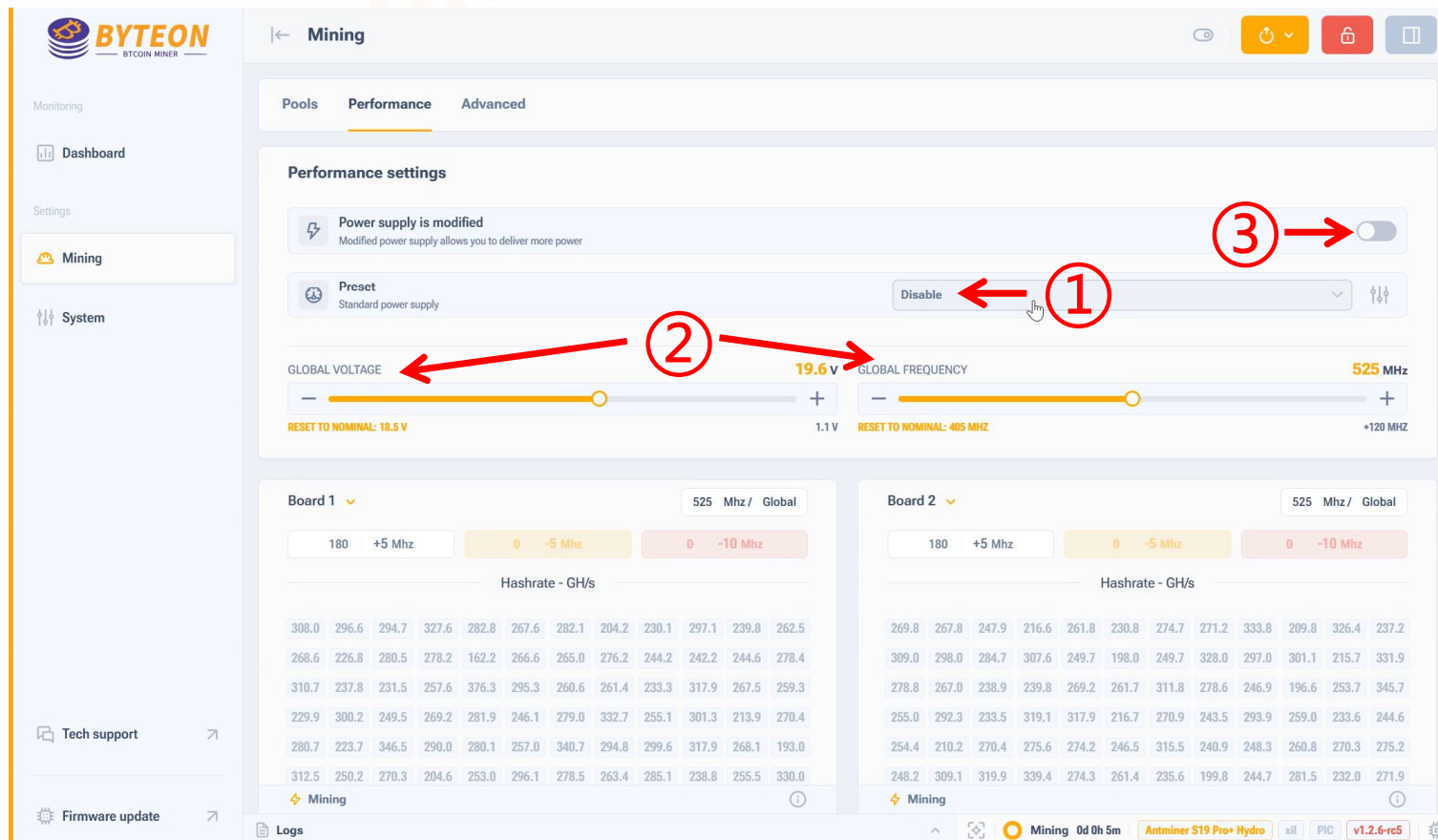


The screenshot shows the 'Performance' tab in the Byteon Mining interface. The 'Performance settings' section includes a 'Power supply is modified' notification, a 'Preset' dropdown menu set to 'Standard power supply' (labeled 1), and a 'GLOBAL VOLTAGE' slider (labeled 2) set to 19.6 V. A 'GLOBAL FREQUENCY' slider is also present, set to 525 MHz. A red arrow points from the 'Disable' button next to the 'Preset' dropdown to the 'GLOBAL VOLTAGE' slider. Another red arrow points from the 'Disable' button to the 'GLOBAL FREQUENCY' slider. A third red arrow points from the 'Disable' button to the 'Power supply is modified' notification. The interface also displays 'Board 1' and 'Board 2' settings, each with a 'Hashrate - GH/s' table and a 'Mining' button. The bottom status bar shows 'Mining 0d 0h 5m' and 'Antminer S19 Pro+ Hydro v1.2.6-rc5'.

If replaced the overclocking PSU, open it ③

Disable ① preset to change the voltage and frequency DIY ② for whole miner .

[Mining] -> Performance -> DIY Preset - Dashboard



The screenshot shows the 'Mining' dashboard with the 'Performance' tab selected. The 'Performance settings' section includes a 'Power supply is modified' notification, a 'Preset' dropdown menu, and sliders for 'GLOBAL VOLTAGE' and 'GLOBAL FREQUENCY'. Red annotations are as follows:

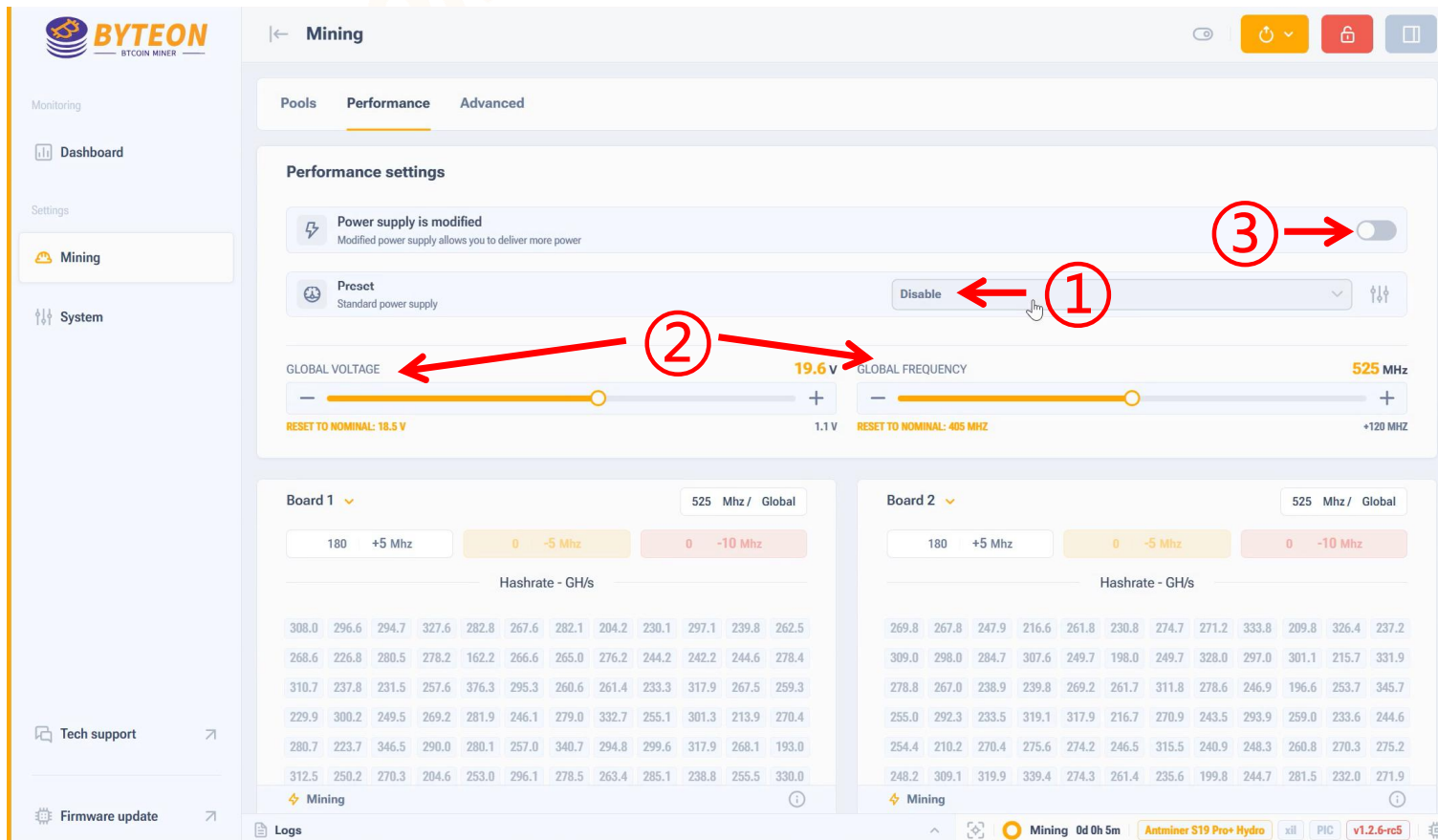
- Annotation 1:** Points to the 'Disable' button next to the 'Preset' dropdown menu.
- Annotation 2:** Points to the 'GLOBAL VOLTAGE' slider, which is currently set to 19.6 V.
- Annotation 3:** Points to the toggle switch for 'Power supply is modified'.

Below the settings, there are two boards (Board 1 and Board 2) showing hash rate data. The status bar at the bottom indicates 'Mining' is active, showing '0d 0h 5m' and 'Antminer S19 Pro+ Hydro'.

If replaced the overclocking PSU, open it ③

Disable ① preset to change the voltage and frequency DIY ② for whole miner.

[Mining] -> Performance -> DIY Preset - Domain&Chips



Performance settings

Power supply is modified
Modified power supply allows you to deliver more power

Preset
Standard power supply

GLOBAL VOLTAGE: 19.6 V
RESET TO NOMINAL: 18.5 V

GLOBAL FREQUENCY: 525 MHz
RESET TO NOMINAL: 405 MHz

Board 1: 525 Mhz / Global

Hashrate - GH/s											
308.0	296.6	294.7	327.6	282.8	267.6	282.1	204.2	230.1	297.1	239.8	262.5
268.6	226.8	280.5	278.2	162.2	266.6	265.0	276.2	244.2	242.2	244.6	278.4
310.7	237.8	231.5	257.6	376.3	295.3	260.6	261.4	233.3	317.9	267.5	259.3
229.9	300.2	249.5	269.2	281.9	246.1	279.0	332.7	255.1	301.3	213.9	270.4
280.7	223.7	346.5	290.0	280.1	257.0	340.7	294.8	299.6	317.9	268.1	193.0
312.5	250.2	270.3	204.6	253.0	296.1	278.5	263.4	285.1	238.8	255.5	330.0

Board 2: 525 Mhz / Global

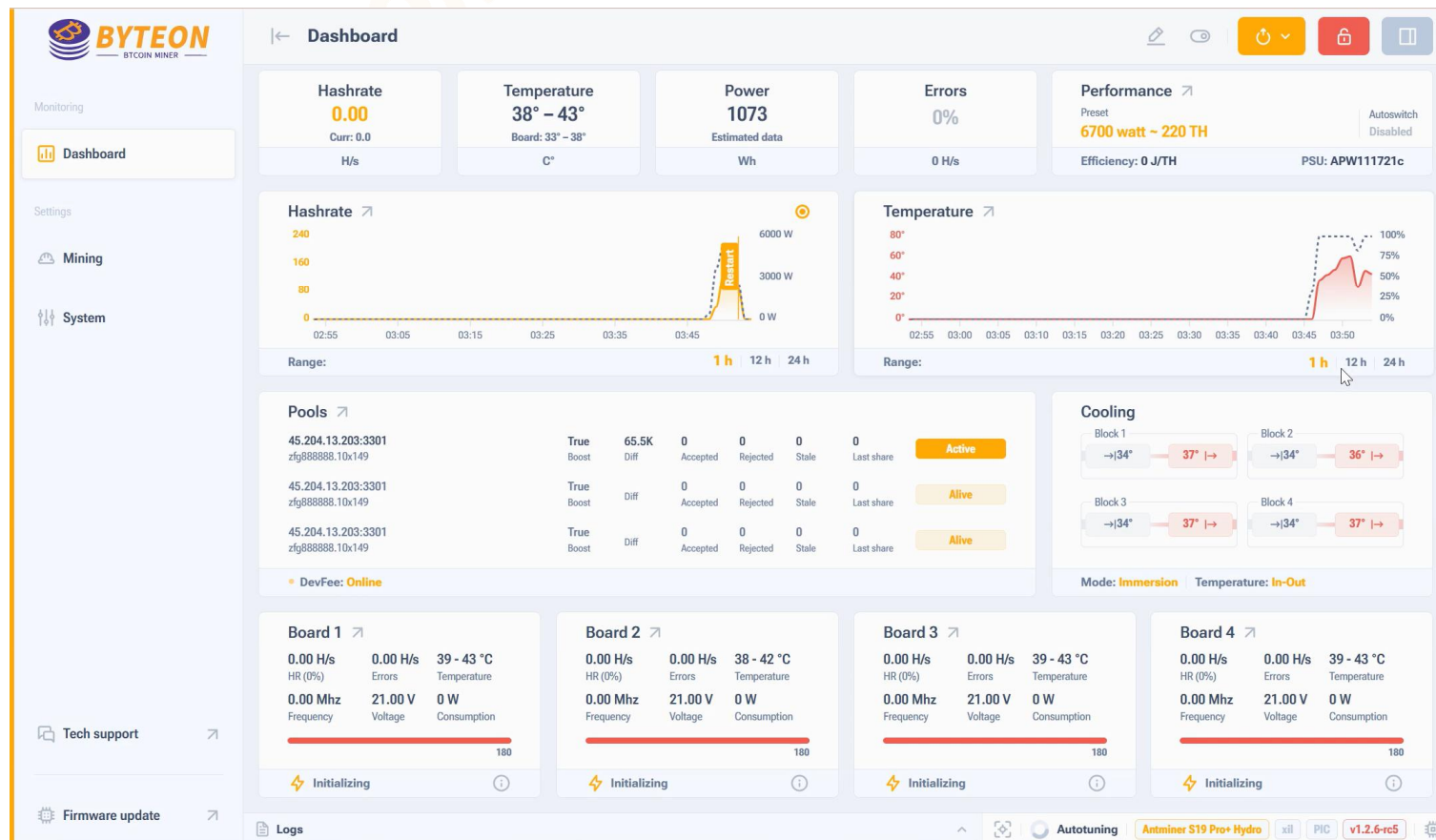
Hashrate - GH/s											
269.8	267.8	247.9	216.6	261.8	230.8	274.7	271.2	333.8	209.8	326.4	237.2
309.0	298.0	284.7	307.6	249.7	198.0	249.7	328.0	297.0	301.1	215.7	331.9
278.8	267.0	238.9	239.8	269.2	261.7	311.8	278.6	246.9	196.6	253.7	345.7
255.0	292.3	233.5	319.1	317.9	216.7	270.9	243.5	293.9	259.0	233.6	244.6
254.4	210.2	270.4	275.6	274.2	246.5	315.5	240.9	248.3	260.8	270.3	275.2
248.2	309.1	319.9	339.4	274.3	261.4	235.6	199.8	244.7	281.5	232.0	271.9

Antminer S19 Pro+ Hydro x11 PIC v1.2.6-rc5

If replaced the
overclocking PSU, open
it ③

Disable ① preset to
change the voltage
and frequency DIY ②
for whole miner .

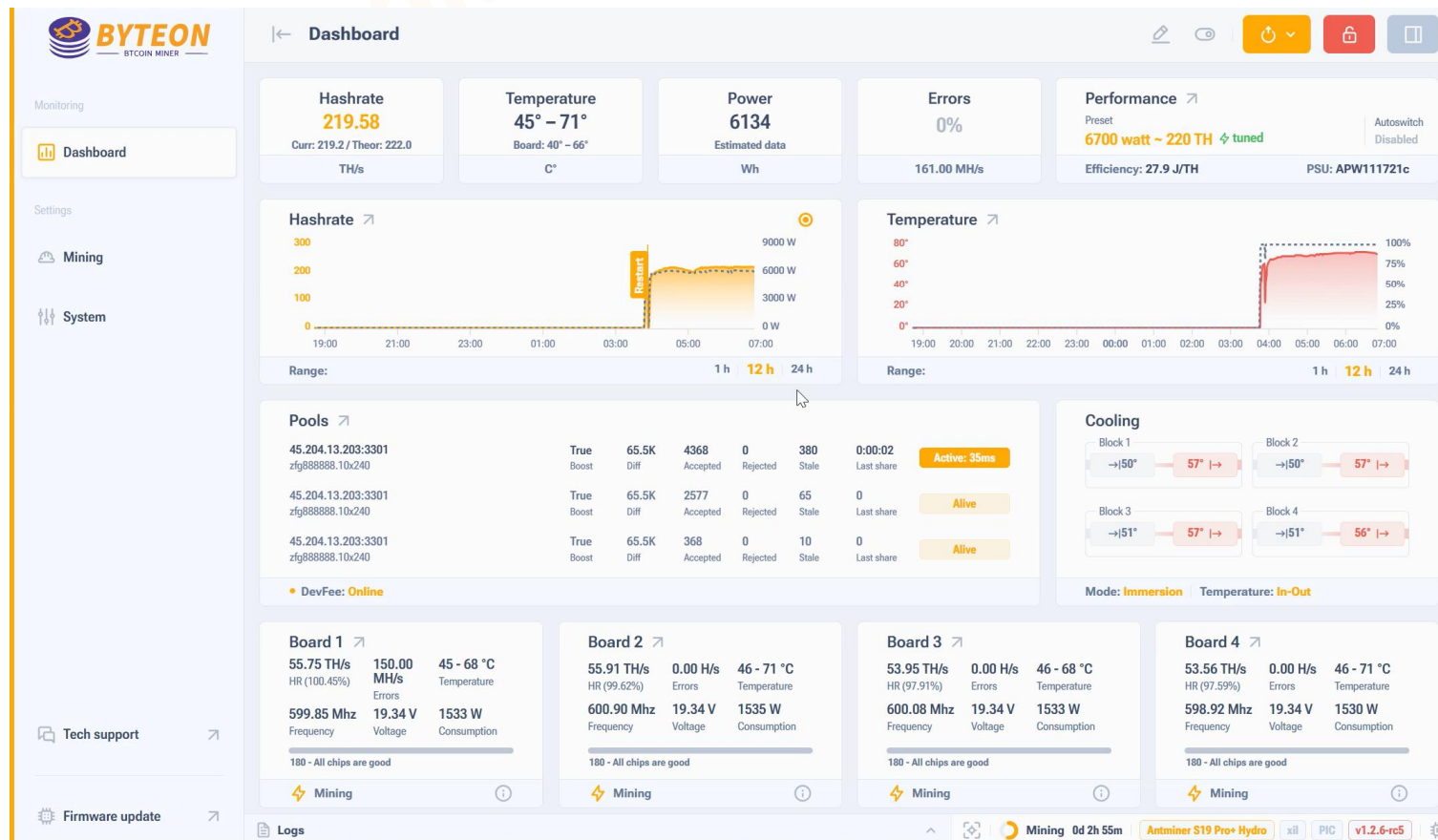
[Dashboard] -> Mining status



Autotuning

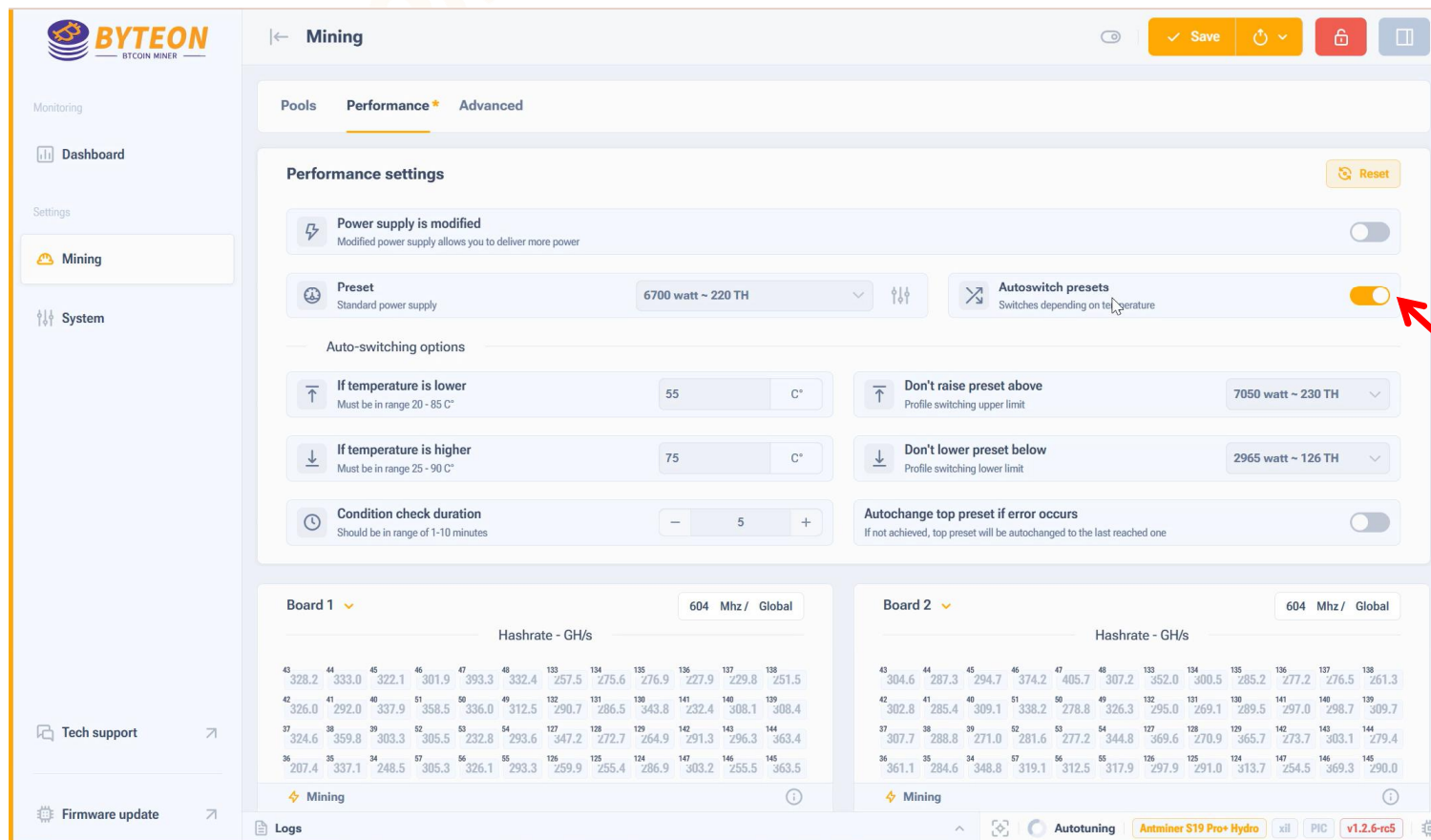
Estimated to cost 2~3 hours

[Dashboard] -> Mining status



Tuned, the miner will run the set hashrate

[Mining] -> Performance -> Autoswitch presets



The screenshot shows the 'Mining' settings page in the BYTEON interface. The 'Performance' tab is selected, and the 'Autoswitch presets' toggle is turned on, indicated by a red arrow. The interface includes a sidebar with navigation options like 'Monitoring', 'Dashboard', 'Mining', and 'System'. The main content area displays various performance settings and a hash rate table for two boards.

Performance settings

- Power supply is modified:** Modified power supply allows you to deliver more power. (Toggle: Off)
- Preset:** Standard power supply. 6700 watt ~ 220 TH. (Dropdown: 6700 watt ~ 220 TH)
- Autoswitch presets:** Switches depending on temperature. (Toggle: On)

Auto-switching options

- If temperature is lower:** Must be in range 20 - 85 C°. 55 C°.
- If temperature is higher:** Must be in range 25 - 90 C°. 75 C°.
- Condition check duration:** Should be in range of 1-10 minutes. 5 minutes.
- Don't raise preset above:** Profile switching upper limit. 7050 watt ~ 230 TH.
- Don't lower preset below:** Profile switching lower limit. 2965 watt ~ 126 TH.
- Autochange top preset if error occurs:** If not achieved, top preset will be autochanged to the last reached one. (Toggle: Off)

Board 1 Hashrate - GH/s

43	328.2	44	333.0	45	322.1	46	301.9	47	393.3	48	332.4	133	257.5	134	275.6	135	276.9	136	227.9	137	229.8	138	251.5
42	326.0	41	292.0	40	337.9	51	358.5	50	336.0	49	312.5	132	290.7	131	286.5	130	343.8	141	232.4	140	308.1	139	308.4
37	324.6	38	359.8	39	303.3	52	305.5	53	232.8	54	293.6	127	347.2	128	272.7	129	264.9	142	291.3	143	296.3	144	363.4
36	207.4	35	337.1	34	248.5	57	305.3	56	326.1	55	293.3	126	259.9	125	255.4	124	286.9	147	303.2	146	255.5	145	363.5

Board 2 Hashrate - GH/s

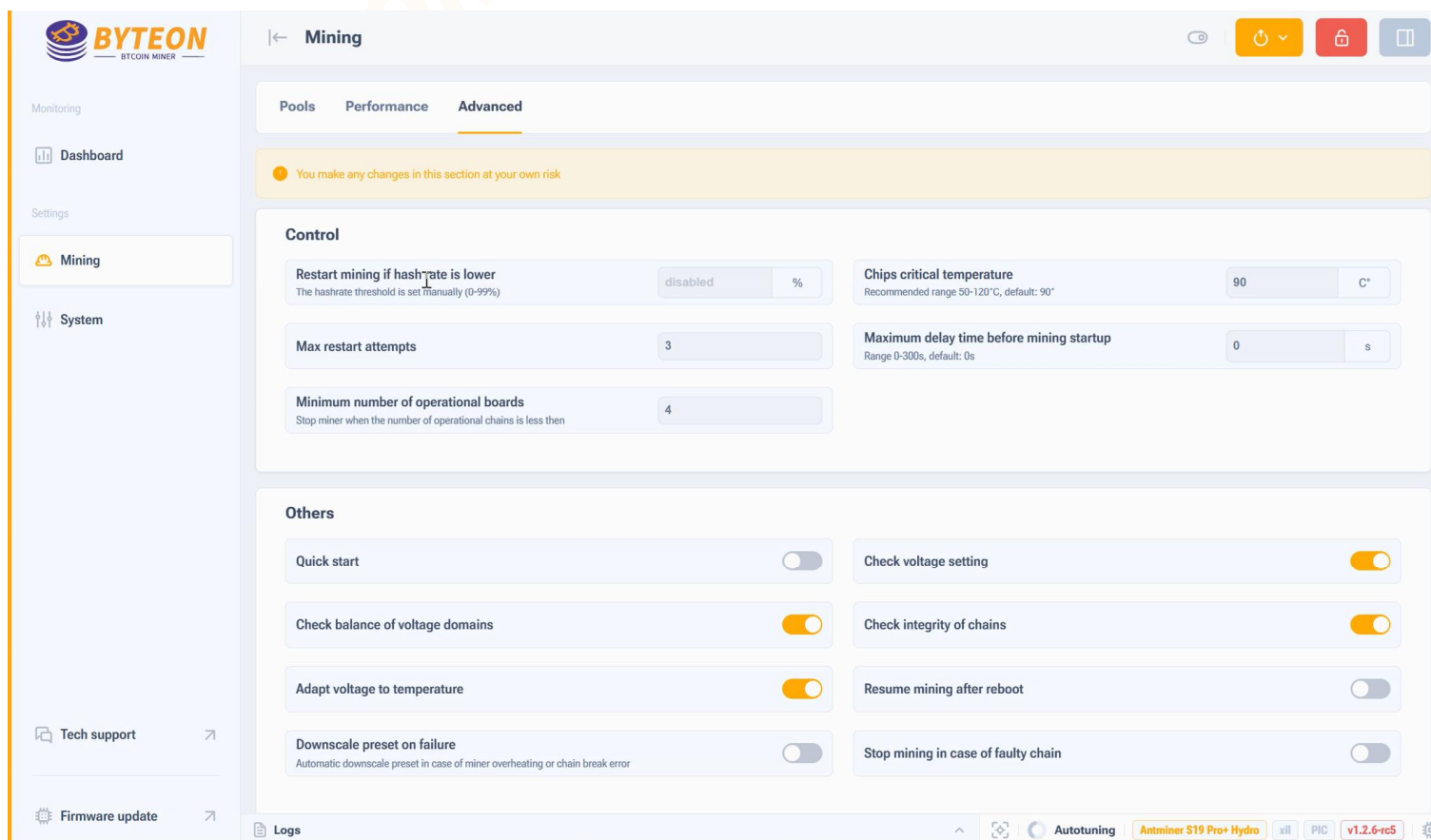
43	304.6	44	287.3	45	294.7	46	374.2	47	405.7	48	307.2	133	352.0	134	300.5	135	285.2	136	277.2	137	276.5	138	261.3
42	302.8	41	285.4	40	309.1	51	338.2	50	278.8	49	326.3	132	295.0	131	269.1	130	289.5	141	297.0	140	298.7	139	309.7
37	307.7	38	288.8	39	271.0	52	281.6	53	277.2	54	344.8	127	369.6	128	270.9	129	365.7	142	273.7	143	303.1	144	279.4
36	361.1	35	284.6	34	348.8	57	319.1	56	312.5	55	317.9	126	297.9	125	291.0	124	313.7	147	254.5	146	369.3	145	290.0

Autoswitch presets allows you to maintain optimal performance and stability of the device, minimizing the need for manual adjustments.

Part Two

Other Operations

[Mining] -> Advanced



The screenshot displays the 'Mining' section of the Byteon Bitcoin Miner web interface, specifically the 'Advanced' tab. The interface includes a sidebar with navigation options: Monitoring, Dashboard, Settings, Mining (selected), and System. The main content area is titled 'Mining' and contains a warning message: 'You make any changes in this section at your own risk'. Below this, the 'Control' section includes settings for 'Restart mining if hash rate is lower' (disabled), 'Chips critical temperature' (90°C), 'Max restart attempts' (3), 'Minimum number of operational boards' (4), and 'Maximum delay time before mining startup' (0s). The 'Others' section features several toggle switches: 'Quick start' (disabled), 'Check voltage setting' (enabled), 'Check balance of voltage domains' (enabled), 'Check integrity of chains' (enabled), 'Adapt voltage to temperature' (enabled), 'Resume mining after reboot' (disabled), 'Downscale preset on failure' (disabled), and 'Stop mining in case of faulty chain' (disabled). The bottom status bar shows 'Autotuning' for 'Antminer S19 Pro+ Hydro' with version 'v1.2.6-rc5'.

Monitoring

- Dashboard
- Settings
 - Mining**
 - System
- Tech support
- Firmware update

Mining

← Mining

Pools Performance **Advanced**

⚠ You make any changes in this section at your own risk

Control

- Restart mining if hash rate is lower
The hashrate threshold is set manually (0-99%)
disabled %
- Chips critical temperature
Recommended range 50-120°C, default: 90°
90 C°
- Max restart attempts
3
- Minimum number of operational boards
Stop miner when the number of operational chains is less than
4
- Maximum delay time before mining startup
Range 0-300s, default: 0s
0 s

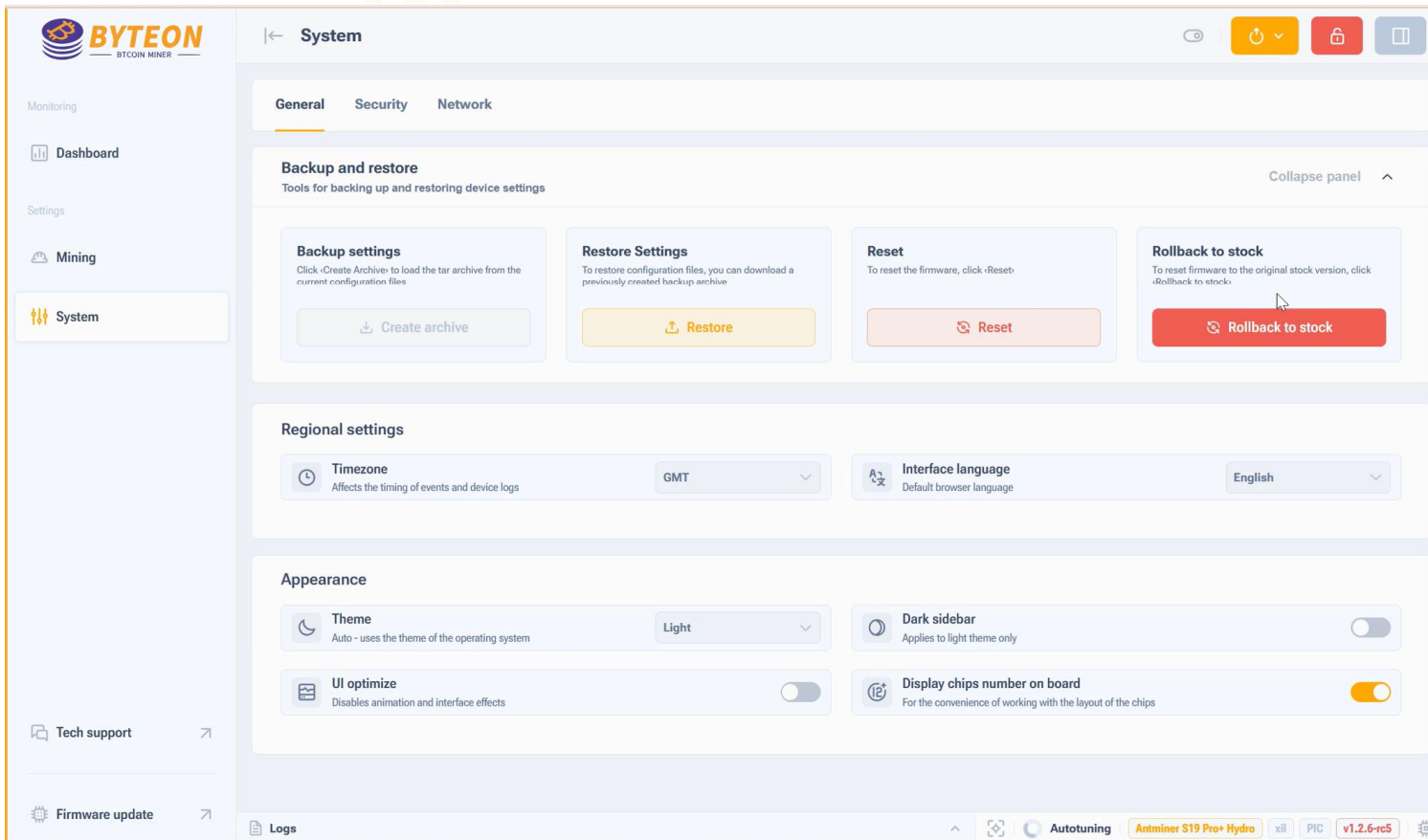
Others

- Quick start ☐
- Check voltage setting ☒
- Check balance of voltage domains ☒
- Check integrity of chains ☒
- Adapt voltage to temperature ☒
- Resume mining after reboot ☐
- Downscale preset on failure
Automatic downscale preset in case of miner overheating or chain break error ☐
- Stop mining in case of faulty chain ☐

Logs

Autotuning Antminer S19 Pro+ Hydro xil PIG v1.2.6-rc5

[System] -> General -> Backup and restore -> Rollback to stock



The screenshot displays the 'System' settings page in the Byteon Bitcoin Miner web interface. The left sidebar contains navigation links: Monitoring, Dashboard, Settings, Mining, System (highlighted), Tech support, and Firmware update. The main content area is titled 'System' and includes tabs for General, Security, and Network. The 'General' tab is active, showing the 'Backup and restore' section with four options: 'Backup settings' (Create archive), 'Restore Settings' (Restore), 'Reset' (Reset), and 'Rollback to stock' (Rollback to stock). Below this are 'Regional settings' for Timezone (GMT) and Interface language (English), and 'Appearance' settings for Theme (Light), Dark sidebar (disabled), UI optimize (disabled), and Display chips number on board (enabled). The bottom status bar shows 'Autotuning', 'Antminer S19 Pro+ Hydro', 'x11', 'PIC', 'v1.2.6-rc5', and a gear icon.

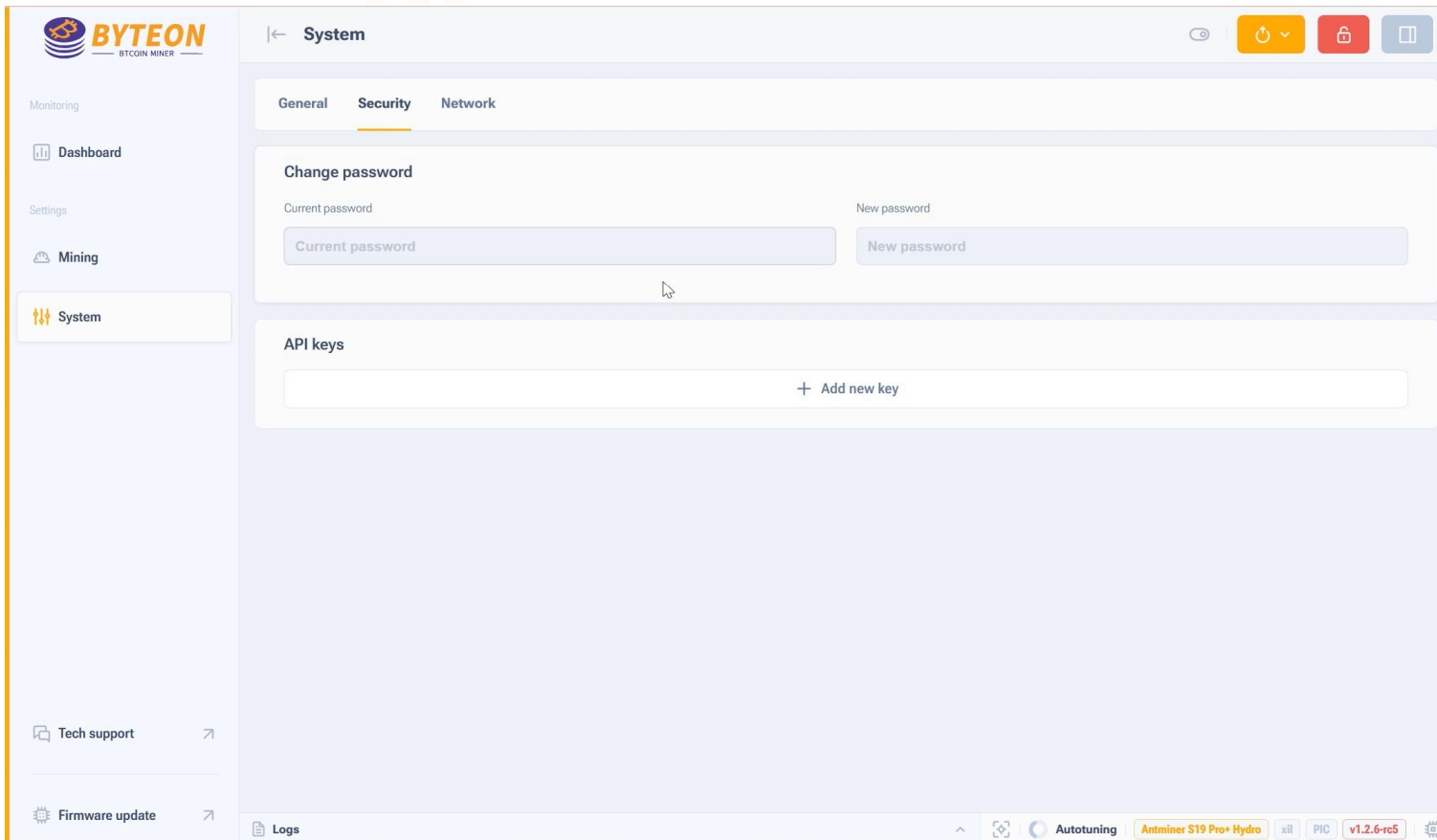
Backup settings

Restore settings

Reset

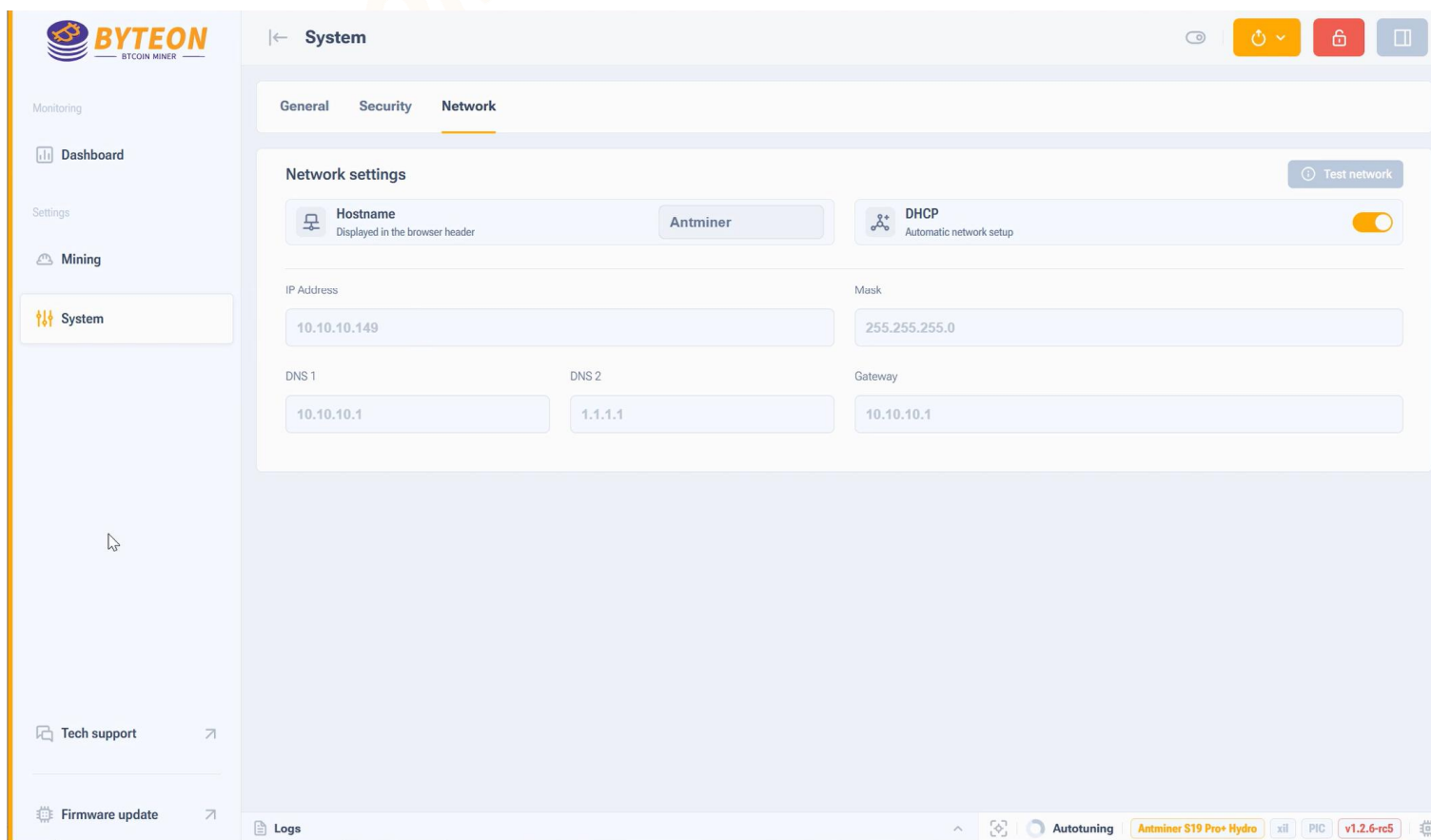
Rollback to stock

[System] -> Security



The screenshot displays the Byteon Bitcoin Miner web interface. On the left is a sidebar with navigation links: Monitoring, Dashboard, Settings, Mining, System (highlighted), Tech support, and Firmware update. The main content area is titled 'System' and has tabs for General, Security (active), and Network. Under the Security tab, there is a 'Change password' section with input fields for 'Current password' and 'New password'. Below this is an 'API keys' section with a text input field and a '+ Add new key' button. At the bottom of the interface, there is a status bar showing 'Autotuning', 'Antminer S19 Pro+ Hydro', 'x11', 'PIC', 'v1.2.6-rc5', and a settings icon. A 'Logs' link is also visible in the bottom left of the main area.

[System] -> Network



The screenshot displays the Byteon Bitcoin Miner web interface. The left sidebar contains navigation links: Monitoring, Dashboard, Settings, Mining, System (highlighted), Tech support, and Firmware update. The main content area is titled 'System' and has tabs for General, Security, and Network (selected). Under 'Network settings', there is a 'Test network' button. The settings include: Hostname (Antminer), DHCP (Automatic network setup, toggled on), IP Address (10.10.10.149), Mask (255.255.255.0), DNS 1 (10.10.10.1), DNS 2 (1.1.1.1), and Gateway (10.10.10.1). The bottom status bar shows 'Autotuning', 'Antminer S19 Pro+ Hydro', 'x11', 'PIC', 'v1.2.6-rc5', and a settings icon.

System

General Security **Network**

Network settings Test network

Hostname
Displayed in the browser header
Antminer

DHCP
Automatic network setup ☒

IP Address: 10.10.10.149
Mask: 255.255.255.0

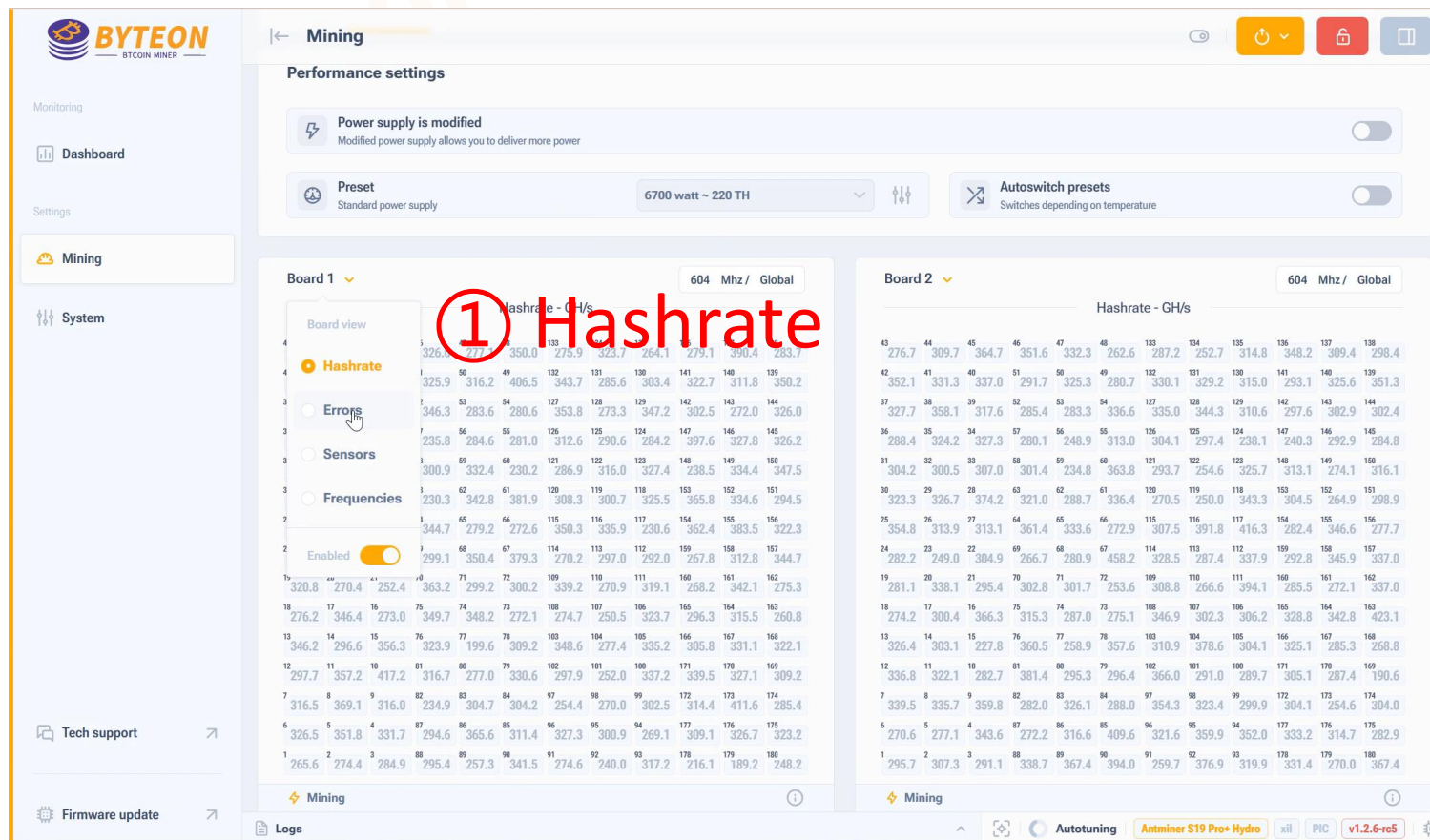
DNS 1: 10.10.10.1
DNS 2: 1.1.1.1
Gateway: 10.10.10.1

Logs Autotuning Antminer S19 Pro+ Hydro x11 PIC v1.2.6-rc5

Part Three

Review Miner Working Status

[Mining] - Performance Settings -> Boards information



Performance settings

- Power supply is modified** (Toggle: Off)
Modified power supply allows you to deliver more power
- Preset**: Standard power supply | **6700 watt ~ 220 TH** | **Autoswitch presets** (Toggle: Off)
Switches depending on temperature

Board 1 | 604 Mhz / Global

Board view

- Hashrate** (Selected)
- Errors
- Sensors
- Frequencies

Enabled (Toggle: On)

Board 2 | 604 Mhz / Global

Hashrate - GH/s

Autotuning | **Antminer S19 Pro+ Hydro** | **x11** | **PIC** | **v1.2.6-rc5**

Board view:

- ① Hashrate
- ② Errors
- ③ Sensors
- ④ Frequencies

[Mining] -> Performance Settings -> Boards information

Board 1 ▾ 604 Mhz / Global

Errors - Err

43	44	45	46	47	48	133	134	135	136	137	138
0	0	0	0	0	0	0	0	0	0	0	0
42	41	40	51	50	49	132	131	130	141	140	139
0	0	0	0	0	0	0	0	0	0	0	0
37	38	39	52	53	54	127	128	129	142	143	144
0	0	0	0	0	0	0	0	0	0	0	0
36	35	34	57	56	55	126	125	124	147	146	145
0	0	0	0	0	0	0	0	0	0	0	0
31	32	33	58	59	60	121	122	123	148	149	150
0	0	0	0	0	0	0	0	0	0	0	0
30	29	28	63	62	61	120	119	118	153	152	151
0	0	0	0	0	0	0	0	0	0	0	1
25	26	27	64	65	66	115	116	117	154	155	156
0	0	0	0	0	0	0	0	0	0	0	0
24	23	22	69	68	67	114	113	112	159	158	157
0	0	0	0	0	0	0	0	0	0	0	0
19	20	21	70	71	72	109	110	111	160	161	162
0	0	0	0	0	0	0	0	0	0	0	0
18	17	16	75	74	73	108	107	106	165	164	163
0	0	0	0	0	0	0	0	0	0	0	2
13	14	15	76	77	78	103	104	105	166	167	168
0	0	0	0	0	0	0	0	0	0	0	0
12	11	10	81	80	79	102	101	100	171	170	169
0	0	0	0	0	0	0	0	0	0	0	0
7	8	9	82	83	84	97	98	99	172	173	174
0	0	0	0	0	0	0	0	0	0	0	1
6	5	4	87	86	85	96	95	94	177	176	175
0	0	0	0	0	0	0	0	0	0	0	0
1	0	2	0	0	0	91	92	93	178	179	180
0	0	0	0	0	0	0	0	0	0	0	0

⚡ Mining ⓘ

② Error

Board 1 ▾ 604 Mhz / Global

Temperature - °C

43	44	45	46	47	48	133	134	135	136	137	138
58/53	-	-	-	-	-	-	-	-	-	-	52/47
42	41	40	51	50	49	132	131	130	141	140	139
-	-	-	-	-	-	-	-	-	-	-	-
37	38	39	52	53	54	127	128	129	142	143	144
-	-	-	-	-	-	-	-	-	-	-	-
36	35	34	57	56	55	126	125	124	147	146	145
-	-	-	-	-	-	-	-	-	-	-	-
31	32	33	58	59	60	121	122	123	148	149	150
-	-	-	-	-	-	-	-	-	-	-	-
30	29	28	63	62	61	120	119	118	153	152	151
-	-	-	-	-	-	-	-	-	-	-	-
25	26	27	64	65	66	115	116	117	154	155	156
-	-	-	-	-	-	-	-	-	-	-	-
24	23	22	69	68	67	114	113	112	159	158	157
-	-	-	-	-	-	-	-	-	-	-	-
19	20	21	70	71	72	109	110	111	160	161	162
-	-	-	-	-	-	-	-	-	-	-	-
18	17	16	75	74	73	108	107	106	165	164	163
-	-	-	-	-	-	-	-	-	-	-	-
13	14	15	76	77	78	103	104	105	166	167	168
-	-	-	-	-	-	-	-	-	-	-	-
12	11	10	81	80	79	102	101	100	171	170	169
-	-	-	-	-	-	-	-	-	-	-	-
7	8	9	82	83	84	97	98	99	172	173	174
-	-	-	-	-	-	-	-	-	-	-	-
6	5	4	87	86	85	96	95	94	177	176	175
-	-	-	-	-	-	-	-	-	-	-	-
1	44/39	2	-	-	-	88	89	90	91	92	93
-	-	-	-	-	-	-	-	-	-	-	70/65

⚡ Mining ⓘ

③ Sensors

Board 1 ▾ 604 Mhz / Global


Frequency - Mhz

43	44	45	46	47	48	133	134	135	136	137	138
chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain
42	41	40	51	50	49	132	131	130	141	140	139
chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain
37	38	39	52	53	54	127	128	129	142	143	144
chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain
36	35	34	57	56	55	126	125	124	147	146	145
chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain
31	32	33	58	59	60	121	122	123	148	149	150
chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain
30	29	28	63	62	61	120	119	118	153	152	151
chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain
25	26	27	64	65	66	115	116	117	154	155	156
chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain
24	23	22	69	68	67	114	113	112	159	158	157
chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain
19	20	21	70	71	72	109	110	111	160	161	162
chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain
18	17	16	75	74	73	108	107	106	165	164	163
chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain
13	14	15	76	77	78	103	104	105	166	167	168
chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain
12	11	10	81	80	79	102	101	100	171	170	169
chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain
7	8	9	82	83	84	97	98	99	172	173	174
chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain
6	5	4	87	86	85	96	95	94	177	176	175
chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain
1	chain	2	chain	chain	chain	88	89	90	91	92	93
chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain	chain

⚡ Mining ⓘ

④ Frequency

[Mining] -> Performance -> Boards information -> Weak chips



Monitoring

Dashboard

Settings

Mining

System

Tech support

Firmware update

← Mining

Performance settings

Power supply is modified
Modified power supply allows you to deliver more power

Preset
Standard power supply

6700 watt ~ 220 TH

Autoswitch presets
Switches depending on temperature

Board 1

604 Mhz / Global

Hashrate - GH/s

43	314.4	44	320.8	45	301.4	46	296.9	47	342.2	48	297.2	133	252.7	134	264.0	135	283.5	136	224.0	137	278.0	138	339.5
42	304.5	41	303.7	40	335.5	39	367.5	38	378.8	37	371.1	132	282.5	131	266.1	130	320.8	129	307.9	128	254.5	127	255.2
37	300.4	36	365.7	35	291.9	34	331.4	33	273.8	32	326.7	127	362.1	126	318.4	125	276.8	124	270.8	123	256.2	122	310.8
36	285.2	35	349.0	34	248.1	33	323.8	32	336.3	31	301.0	126	320.5	125	248.9	124	270.6	123	327.0	122	239.2	121	281.9
35	293.7	34	291.5	33	312.9	32	313.3	31	363.0	30	275.1	125	329.6	124	342.7	123	254.0	122	292.1	121	302.2	120	345.4
34	268.9	33	316.1	32	340.2	31	292.4	30	282.1	29	331.9	124	326.0	123	315.7	122	299.3	121	310.7	120	340.7	119	331.4
33	341.7	32	220.3	31	294.1	30	304.3	29	285.1	28	286.9	123	358.4	122	314.4	121	273.6	120	261.8	119	369.1	118	284.7
32	326.8	31	297.2	30	219.4	29	295.9	28	363.6	27	301.2	122	269.5	121	273.3	120	280.4	119	291.3	118	320.7	117	297.3
31	275.7	30	329.5	29	265.5	28	274.4	27	326.1	26	257.3	121	302.3	120	294.5	119	363.2	118	254.0	117	333.3	116	290.6
30	284.7	29	389.0	28	276.7	27	325.9	26	373.0	25	338.8	120	341.2	119	278.7	118	315.5	117	314.9	116	305.3	115	295.4
29	303.0	28	350.4	27	217.0	26	315.2	25	305.9	24	266.3	119	319.7	118	289.0	117	333.3	116	313.7	115	291.8	114	261.2
28	323.6	27	337.9	26	310.2	25	358.7	24	293.2	23	318.4	118	355.4	117	308.6	116	348.1	115	333.1	114	318.8	113	301.7
27	286.1	26	336.4	25	259.7	24	297.3	23	325.4	22	261.2	117	246.5	116	325.2	115	307.5	114	305.6	113	392.8	112	334.5
26	306.5	25	330.9	24	329.4	23	314.1	22	342.2	21	270.2	116	370.4	115	276.4	114	293.2	113	318.2	112	296.2	111	345.5
25	326.9	24	230.6	23	300.5	22	312.8	21	336.4	20	324.6	115	305.3	114	253.9	113	291.4	112	204.0	111	157.0	110	276.4

Board 2

604 Mhz / Global

Hashrate - GH/s

43	314.8	44	268.7	45	305.9	46	321.5	47	358.1	48	311.1	133	291.6	134	310.9	135	296.5	136	288.4	137	275.2	138	318.6
42	322.7	41	292.3	40	343.0	39	318.8	38	361.1	37	324.8	132	277.3	131	313.3	130	295.4	129	305.3	128	326.9	127	342.9
37	331.8	36	367.6	35	291.8	34	286.8	33	304.1	32	338.3	127	374.5	126	298.8	125	298.2	124	309.1	123	280.2	122	355.5
36	282.9	35	303.7	34	295.2	33	291.0	32	366.5	31	311.3	126	287.5	125	286.0	124	284.1	123	278.1	122	324.3	121	264.4
35	318.8	34	294.4	33	339.0	32	313.1	31	256.2	30	321.0	125	290.6	124	356.1	123	356.8	122	273.7	121	310.1	120	159.9
34	371.7	33	276.0	32	346.4	31	269.0	30	335.3	29	299.8	124	237.3	123	304.4	122	294.9	121	353.6	120	358.5	119	346.8
33	295.4	32	294.1	31	342.9	30	313.6	29	381.2	28	307.6	123	327.1	122	300.1	121	369.1	120	288.3	119	334.7	118	265.4
32	351.3	31	253.2	30	293.7	29	236.6	28	310.1	27	299.1	122	284.9	121	316.6	120	276.9	119	228.9	118	374.3	117	316.9
31	284.3	30	322.1	29	331.2	28	303.2	27	319.9	26	297.7	121	309.9	120	298.1	119	330.4	118	331.9	117	257.5	116	307.8
30	428.0	29	272.2	28	304.4	27	280.9	26	360.7	25	250.6	120	369.2	119	265.6	118	357.9	117	270.8	116	296.2	115	306.3
29	278.3	28	295.5	27	293.6	26	300.8	25	325.3	24	300.0	119	290.0	118	329.1	117	323.4	116	336.8	115	295.7	114	327.4
28	303.4	27	336.0	26	309.4	25	349.1	24	333.4	23	304.6	118	353.8	117	229.0	116	324.9	115	318.5	114	300.1	113	181.8
27	346.9	26	270.4	25	316.3	24	253.4	23	333.8	22	343.5	117	289.1	116	334.6	115	317.4	114	348.5	113	281.5	112	308.5
26	265.9	25	334.9	24	372.8	23	311.7	22	291.3	21	285.4	116	329.6	115	280.1	114	292.7	113	361.2	112	327.8	111	238.4
25	332.1	24	314.9	23	298.3	22	321.0	21	389.7	20	312.1	115	269.4	114	312.8	113	347.5	112	358.2	111	263.0	110	269.8

Autotuning

Antminer S19 Pro+ Hydro

xil

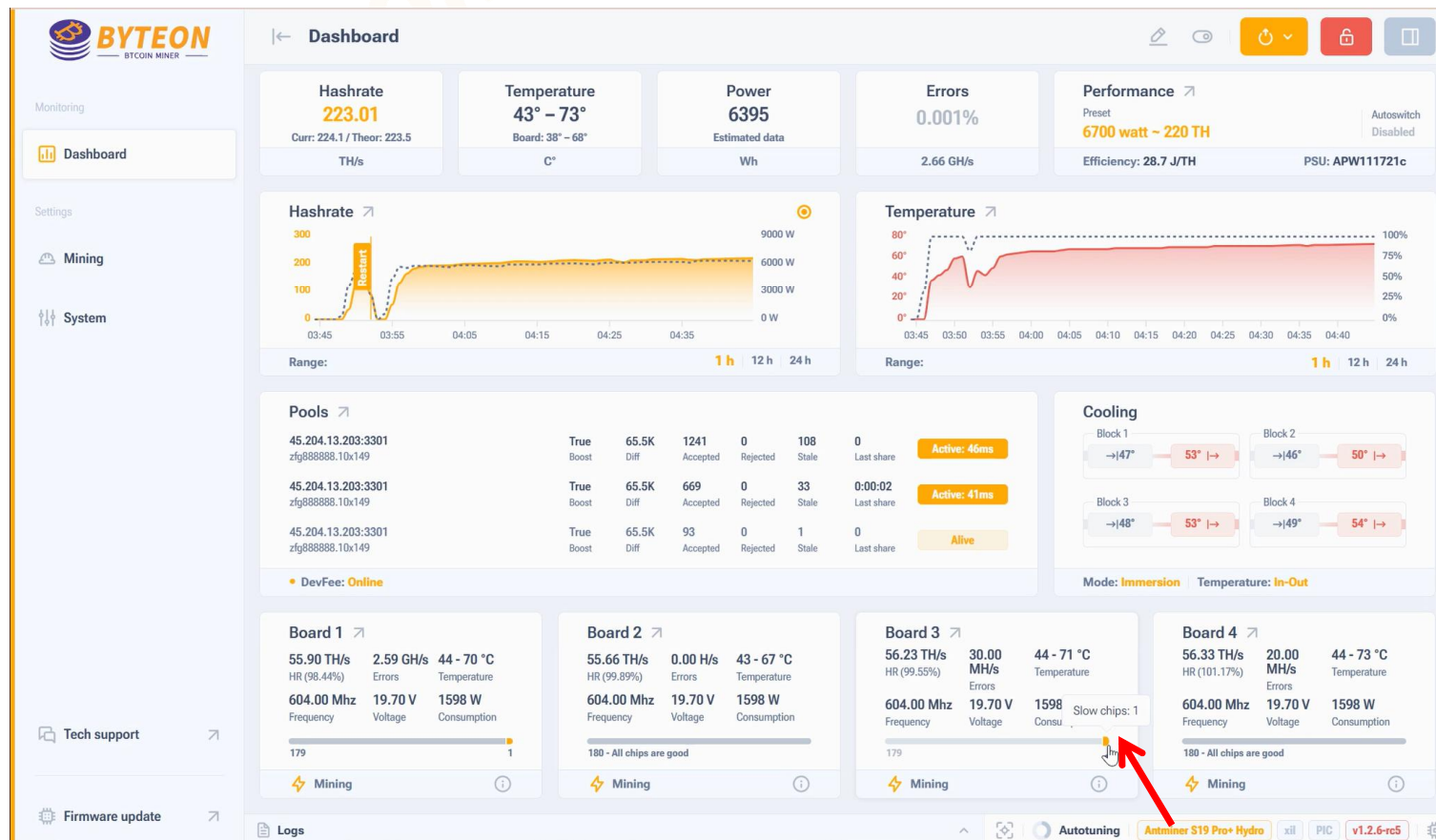
PIC

v1.2.6-rc5

Low chips - Orange

Bad chips - Red

[Dashboard] -> Boards information -> Weak chips



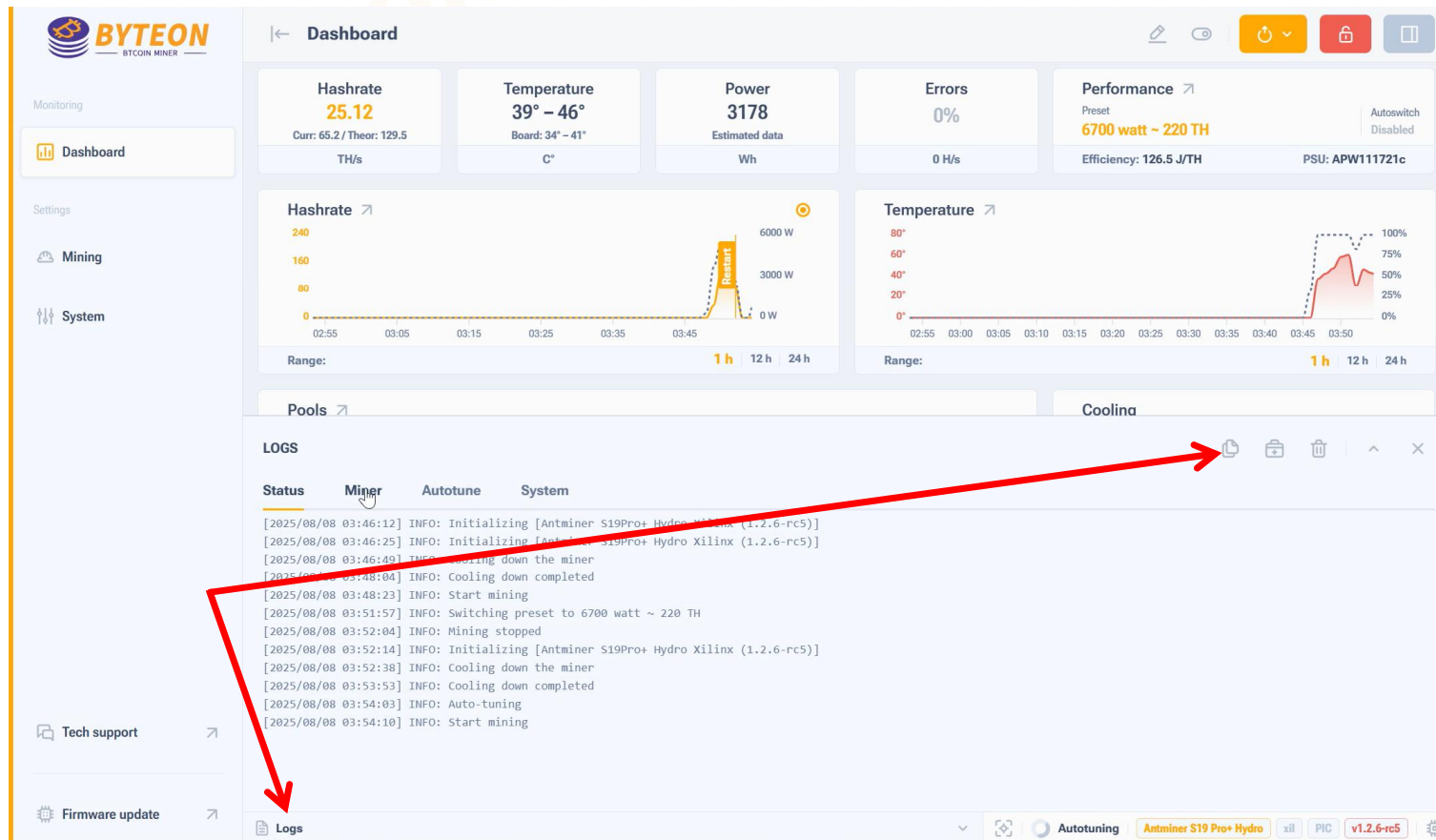
Low chips - Orange

Bad chips - Red

Part Four

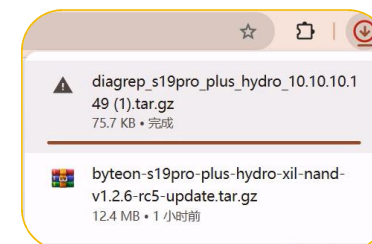
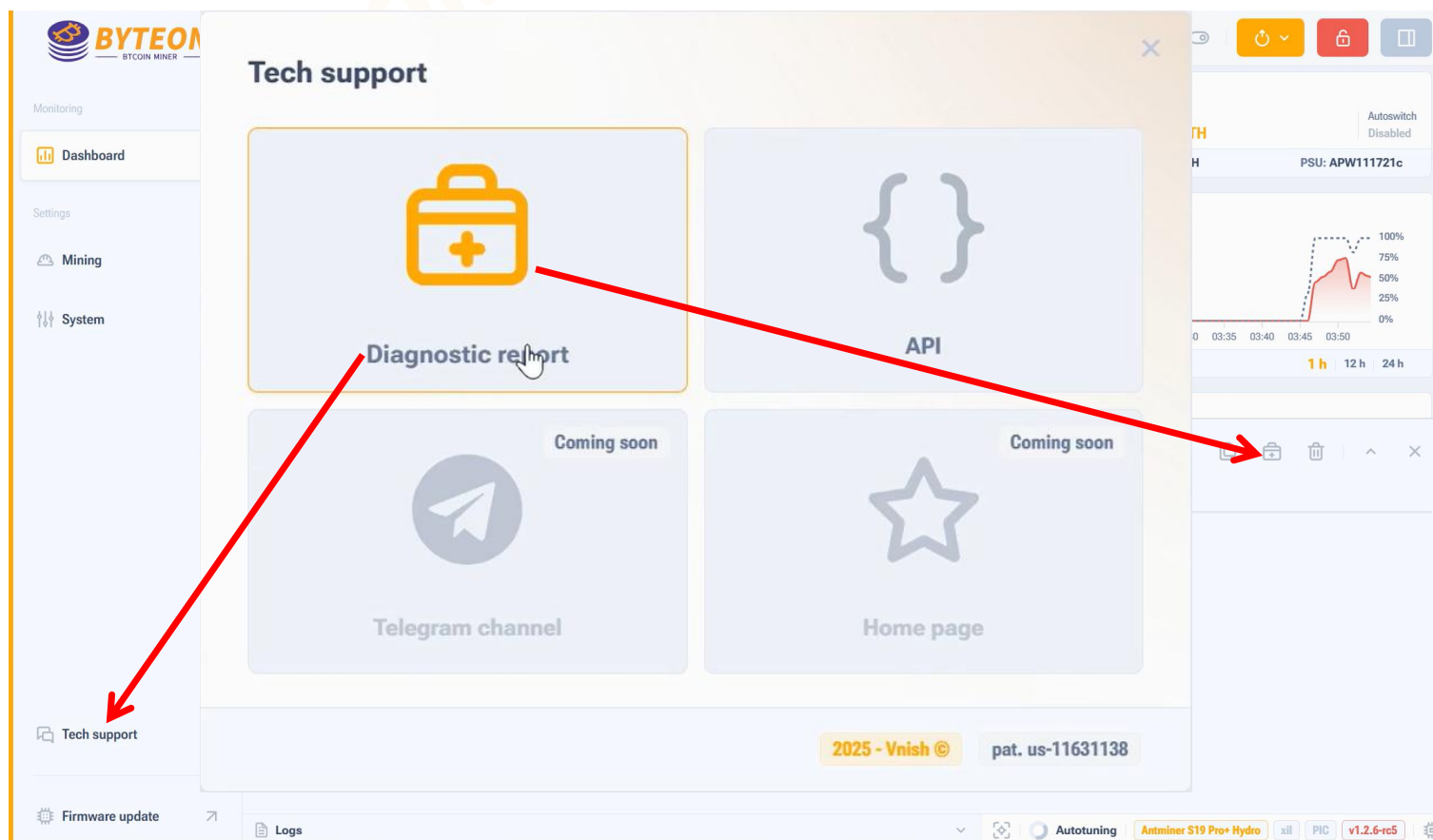
Copy Logs and Diagnostic Report

[Dashboard] -> Logs -> Status / Miner / Autotune / System



Copy the logs into .txt file

[Dashboard] -> Tech report -> Diagnostic report

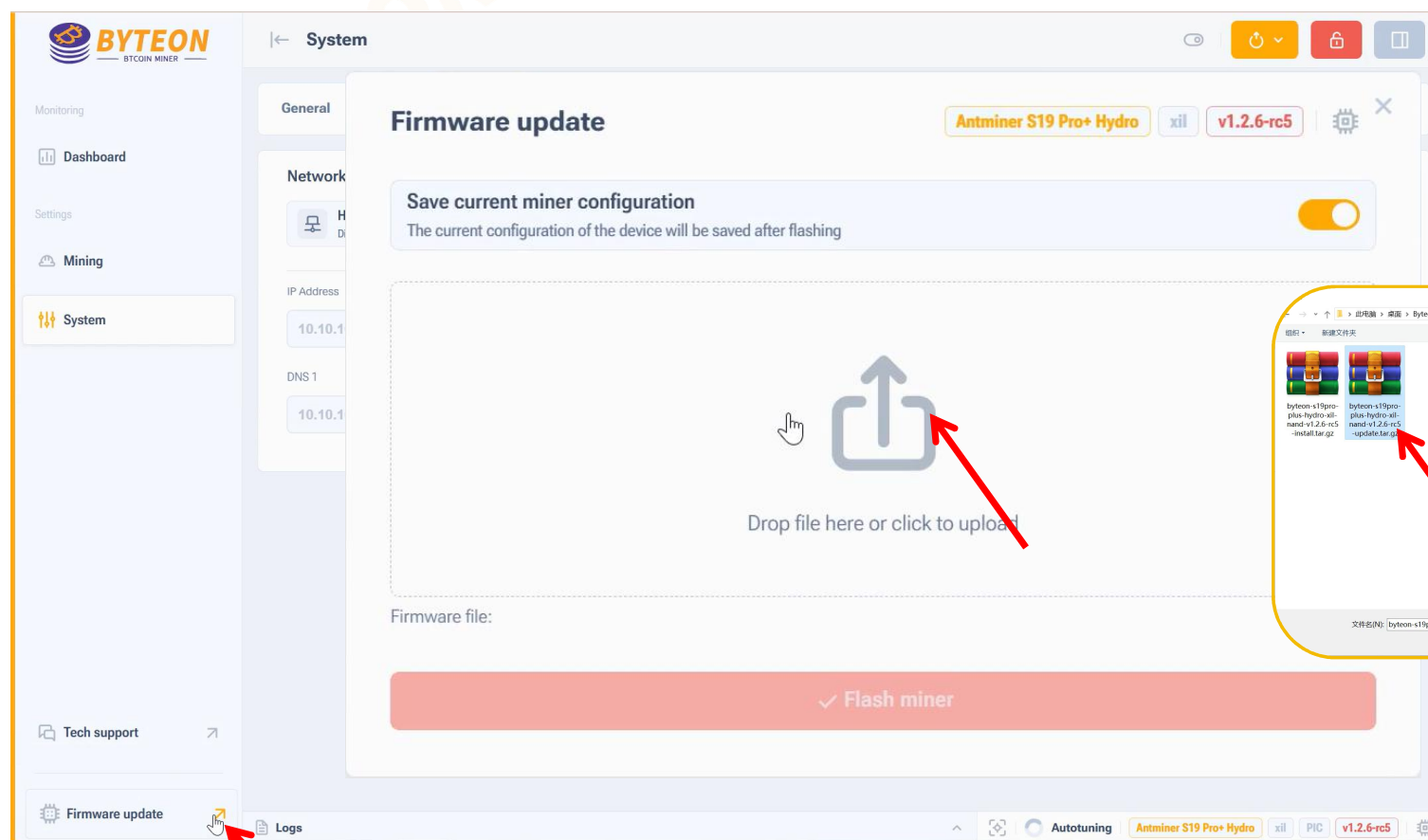


Diagnostic report

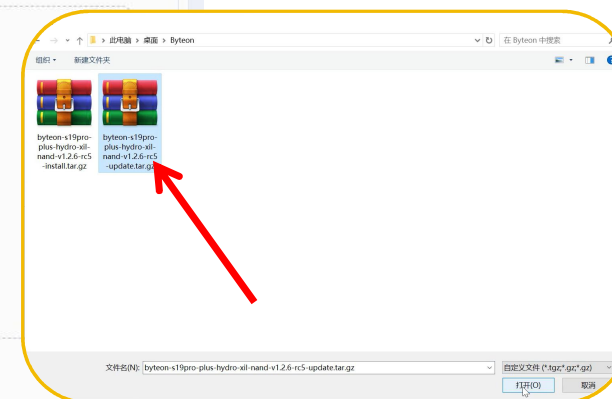
Part Five

Update firmware

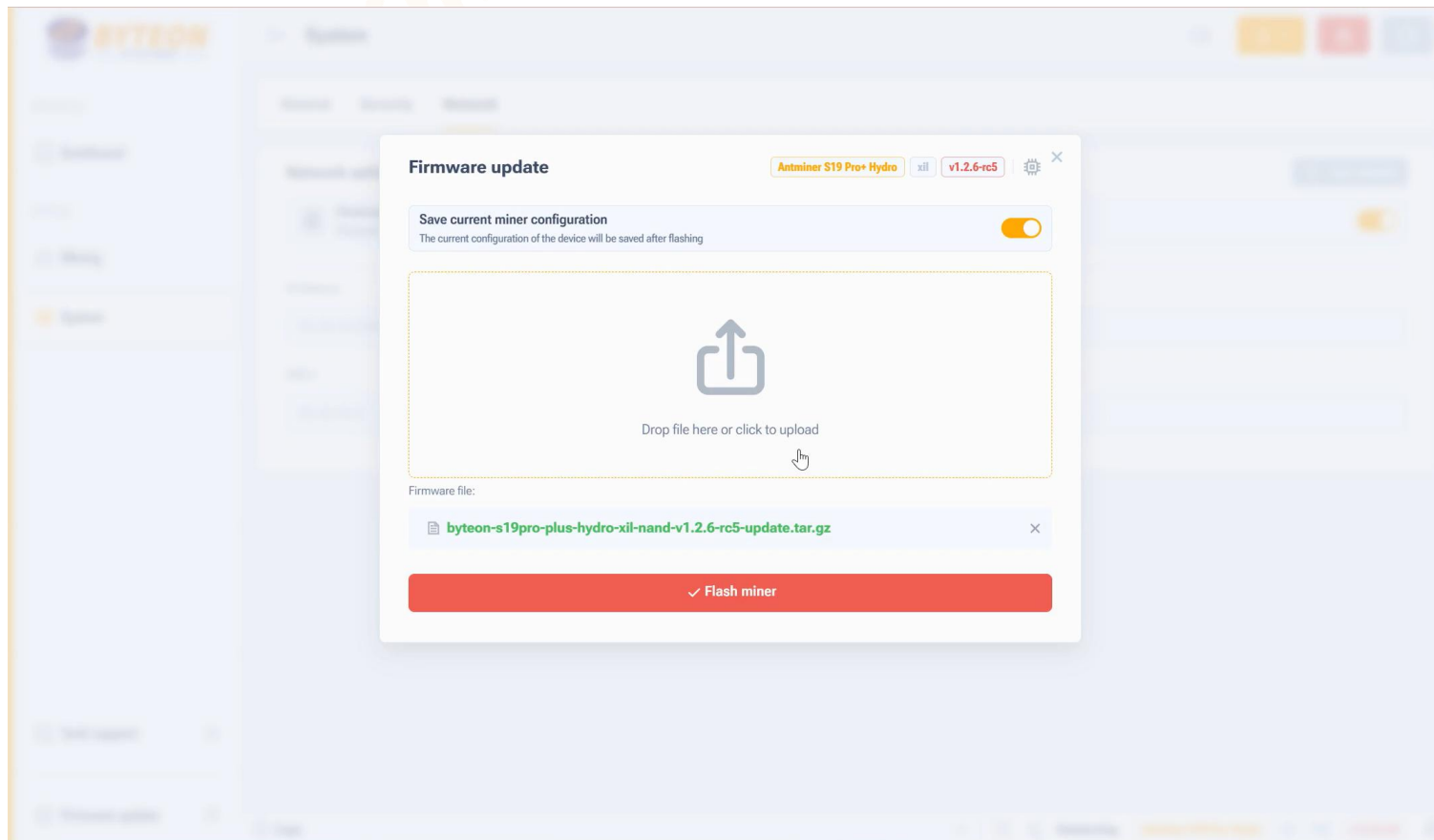
[Firmware update]



Download the update file into 'Byteon' folder on the desktop



[Firmware update] -> Flash miner



the miner will restart
and run updated
firmware