

# Guía del Usuario de Toolkit

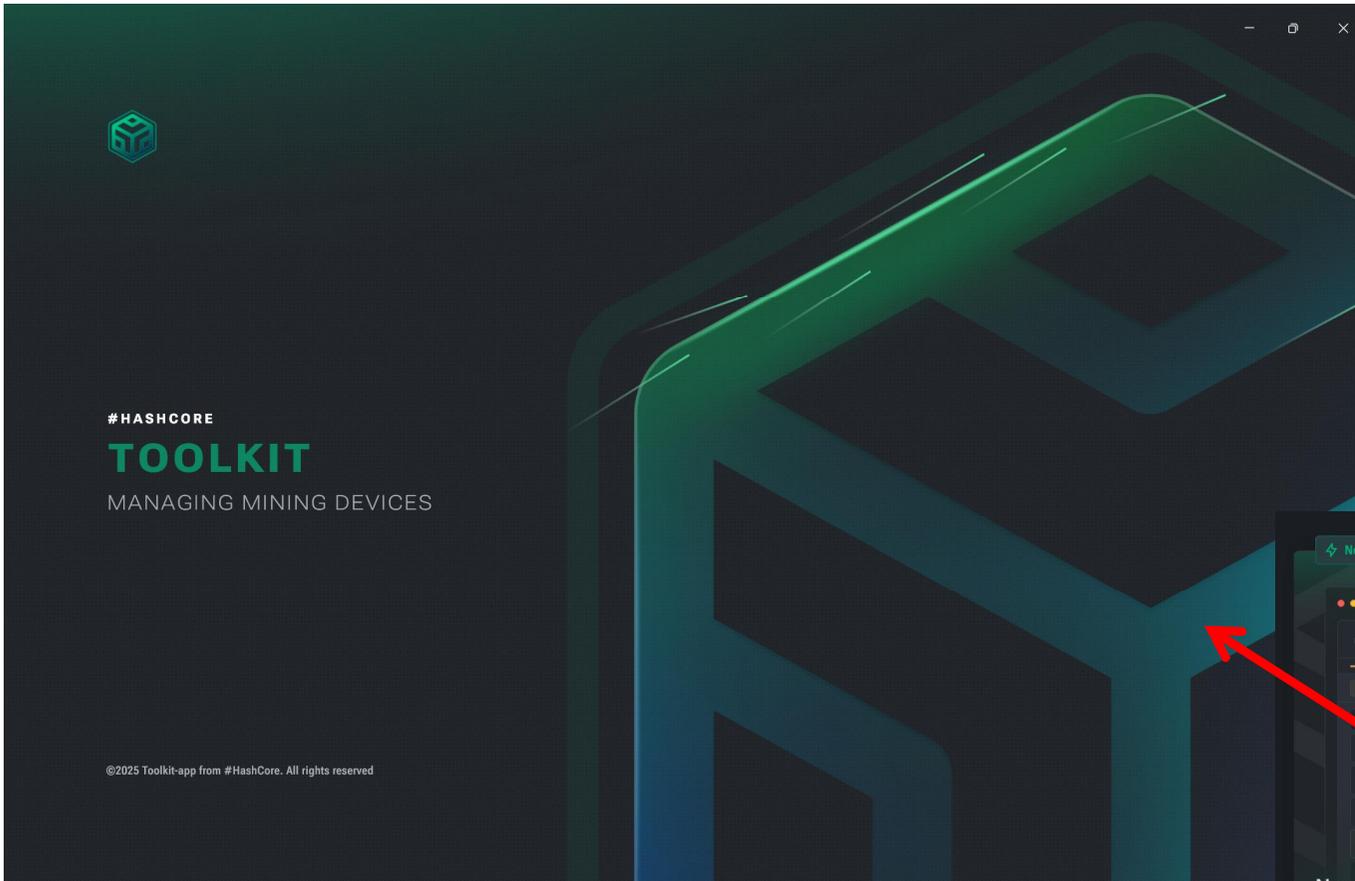
2025/06

Byteon

# Parte Uno

Abrir Toolkit y Crear Grupo

# 1. Abrir la herramienta de gestión masiva – Toolkit



Si aparece una nueva versión, puede descargarla y actualizarla en línea.

Asegúrate de descargar y guardar el firmware de Byteon en la carpeta del escritorio llamada 'byteon'.

**New!**

**HASHCORE TOOLKIT** App for setting up and managing

Name of group: Description of group 23 Miners 1 Detached

Filter preset Sort by Model Group by Range

Name of device	Model	Power	Temperature	Health
Antminer S19	10.B.1.2	95.95 This	3344 W	36
Antminer S19 A	10.B.1.2	95.95 This	3344 W	36
Antminer S19 J	10.B.1.2	95.95 This	3344 W	36
Antminer S19	10.B.1.2	95.95 This	3344 W	36

Network range: Range 1 4 device in group

Network range: Range 2 24 device in group

**New functionality, increased stability and improved user experience**

**新版本：1.4.1** 稍后提醒我 ×

本次更新旨在提升稳定性和用户体验，并扩展支持的设备列表。新版改进了固件安装与更新流程，调整了部分界面细节，修复了多个错误，使使用更加顺畅。

下载新版本：1.4.1

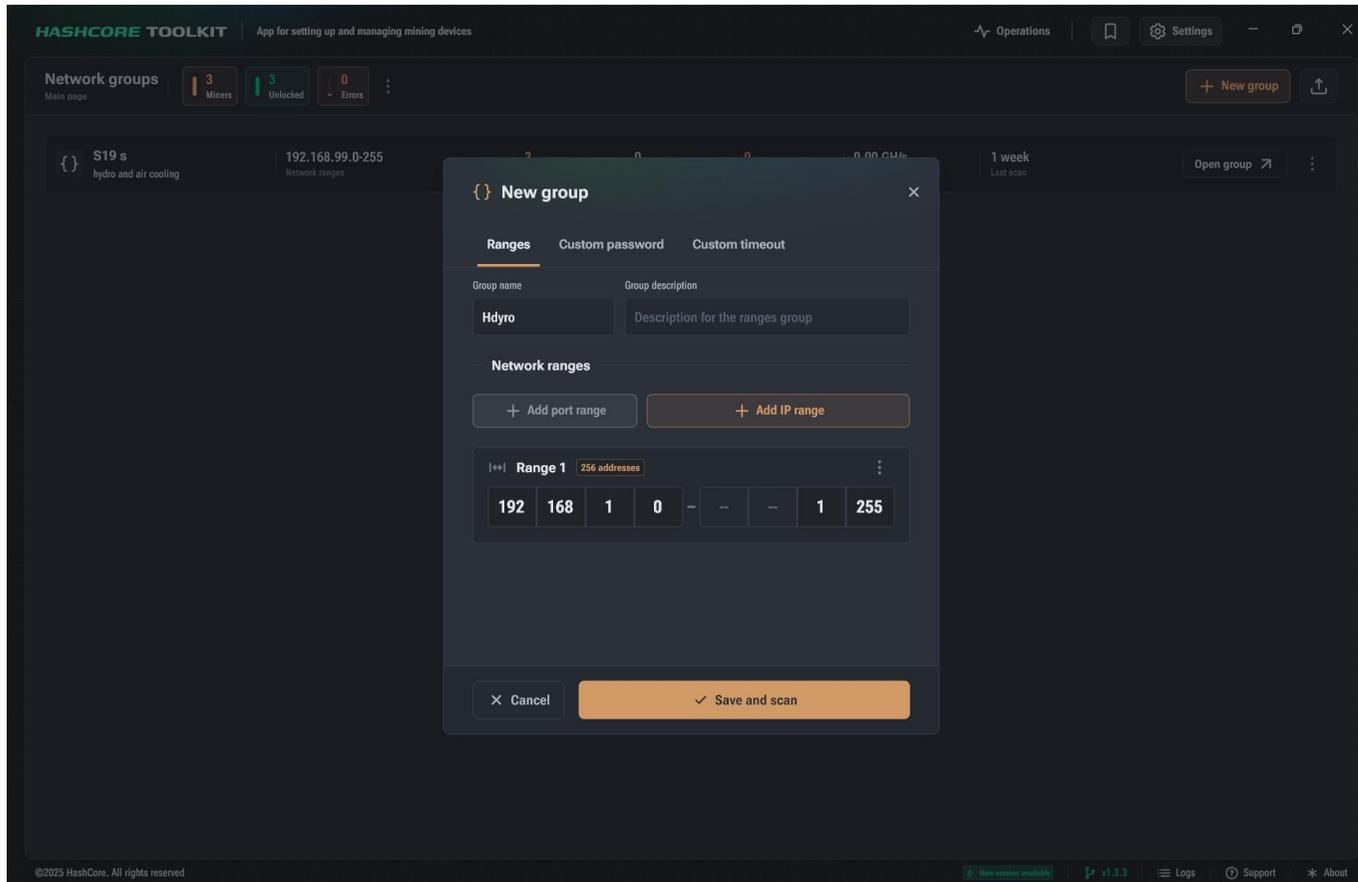
跳过此版本

## 2. Agregar nuevo grupo



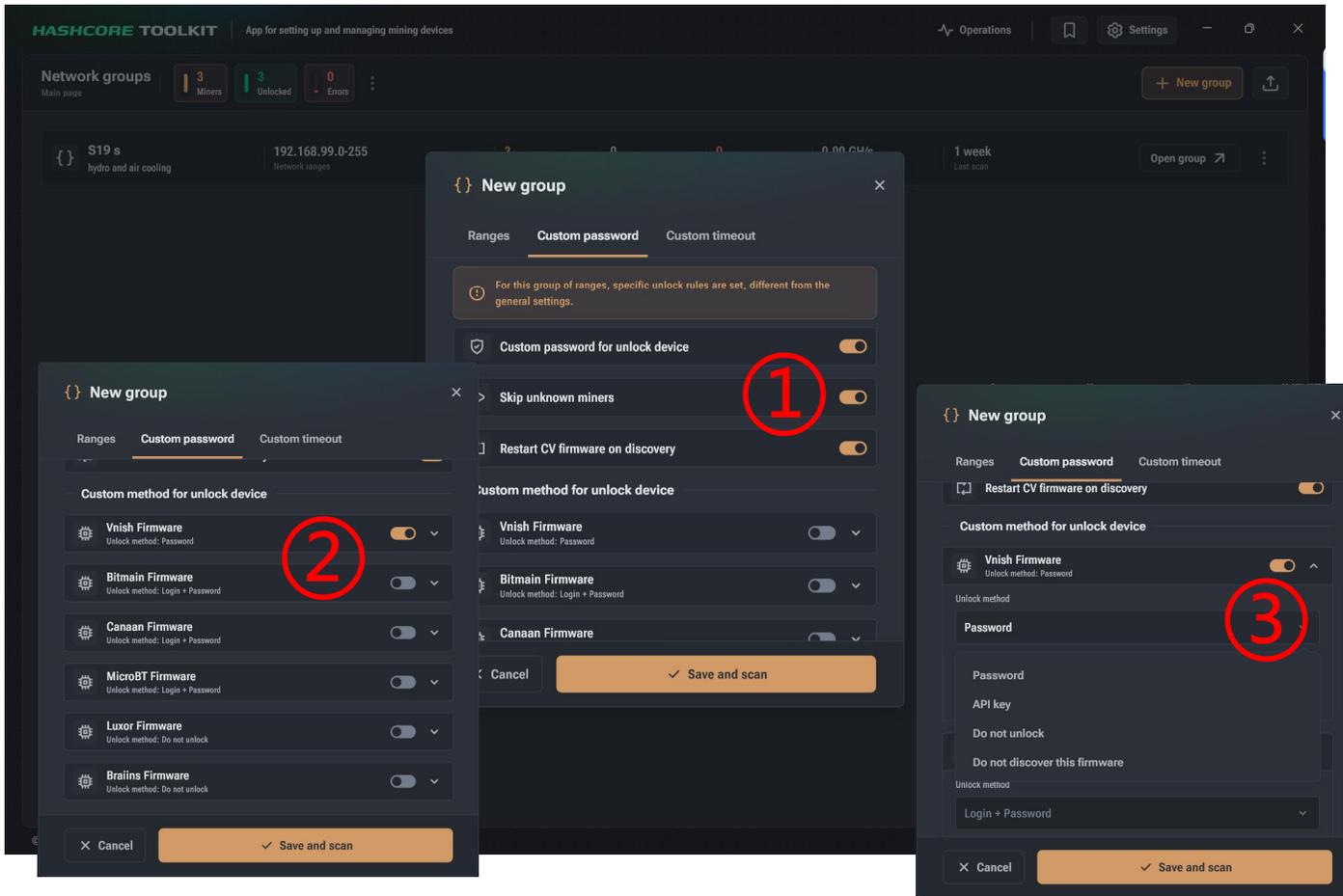
A screenshot of the HashCore Toolkit web interface. The top navigation bar includes "HASHCORE TOOLKIT" and "App for setting up and managing mining devices". On the right, there are links for "Operations", "Settings", and window controls. The main content area is titled "Network groups" and shows a summary of 3 Miners, 3 Unlocked, and 0 Errors. A "New group" button is highlighted with a red arrow. Below this, a table lists network groups with columns for name, IP, miners, status, errors, hashrate, and last scan. The first entry is "S19 s" with IP "192.168.99.0-255", 3 miners, 0 offline, 0 errors, 0.00 GH/s hashrate, and a 1-week last scan. An "Open group" button is visible next to the first entry. The footer contains copyright information, a "New version available" notification, version "v1.3.3", and links for "Logs", "Support", and "About".

## 2.1. Agregar nuevo grupo – Rango de IP



- Personalizar el nombre y la descripción del grupo
- Agregue el rango de IP del entorno de funcionamiento de los mineros. Si hay varios rangos de IP, haga clic en "Agregar rango de IP "
- Guardar y escanear

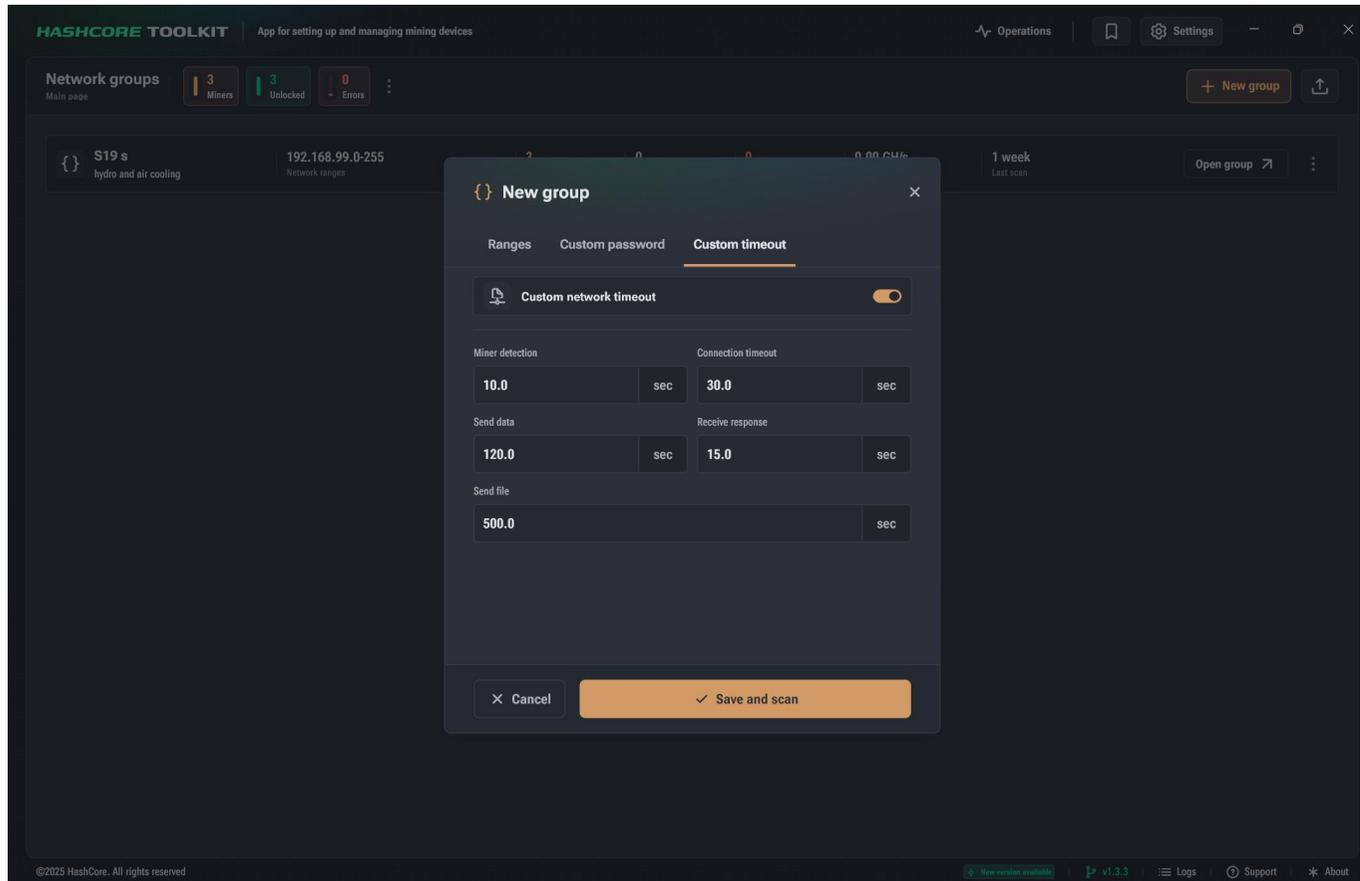
## 2.2. Agregar nuevo grupo – Contraseña personalizada



The screenshot displays the HASHCORE TOOLKIT interface for configuring a new mining group. The main window shows network groups with 3 miners, 3 unlocked, and 0 errors. A 'New group' dialog is open, showing the 'Custom password' tab. The dialog includes the following elements:

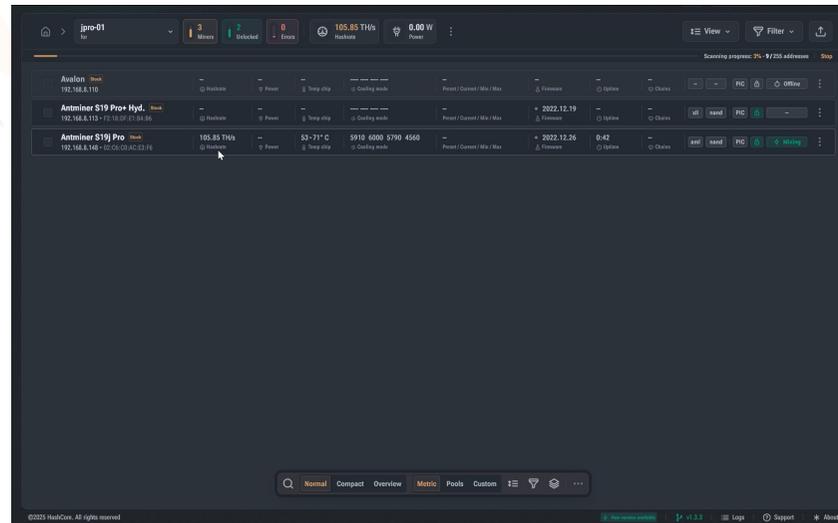
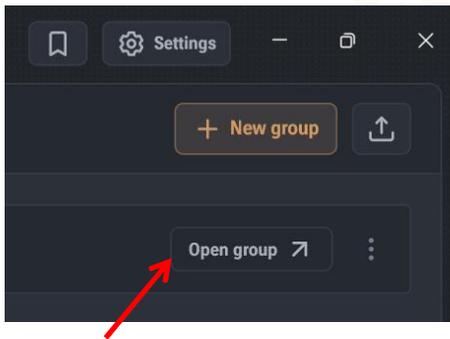
- Custom password for unlock device:** A toggle switch that is turned on (marked with a red circle 1).
- Skip unknown miners:** A toggle switch that is turned on (marked with a red circle 1).
- Restart CV firmware on discovery:** A toggle switch that is turned on.
- Custom method for unlock device:** A list of firmware options with toggle switches:
  - Vnish Firmware:** Selected (marked with a red circle 2).
  - Bitmain Firmware
  - Canaan Firmware
  - MicroBT Firmware
  - Luxor Firmware
  - Brains Firmware
- Unlock method:** A dropdown menu with 'Password' selected (marked with a red circle 3).
- Buttons:** 'Cancel' and 'Save and scan' buttons are visible at the bottom of the dialog.

## 2.2. Agregar nuevo grupo – Tiempo de espera personalizado

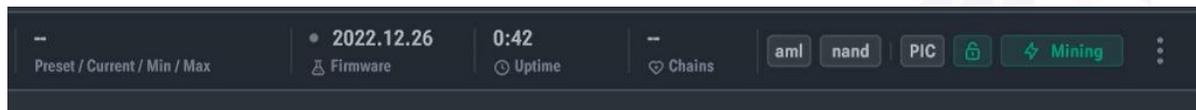
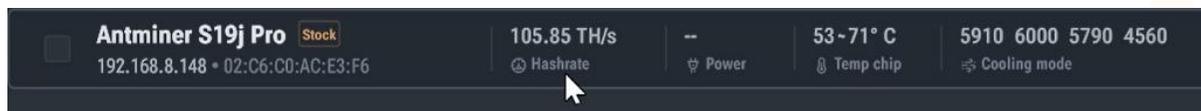


Una vez que haya terminado la configuración, haga clic en **"Guardar y escanear"**.

3. Abra el grupo para ver los mineros dentro del rango de IP.



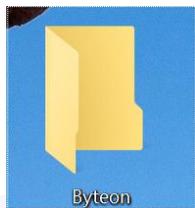
- modelo de minero,
- tasa de hash,
- temperatura del chip,
- modo de enfriamiento,
- datos preestablecidos,
- versión del firmware,
- tiempo de actividad,
- estado de las cadenas,
- tipos de placa de control,
- estado de funcionamiento del minero.



# Parte Dos

Instalar el Firmware de Byteon

Primero que todo, descargue los firmwares de Byteon.



Guarde los firmwares en la carpeta llamada 'Byteon' en el escritorio.



名称	日期	类型	大小	标记
byteon-s19pro-plus-hydro-xil-nand-v1.2.6-rc5-install.tar.gz	2025/8/8 11:42	WinRAR 压缩文件	12,739 KB	
byteon-s19pro-plus-hydro-xil-nand-v1.2.6-rc5-update.tar.gz	2025/8/8 11:43	WinRAR 压缩文件	12,744 KB	
byteon-s19pro-xil-nand-v1.2.6-rc5-install.tar.gz	2025/8/8 19:11	WinRAR 压缩文件	12,738 KB	
byteon-s19-xil-nand-v1.2.6-rc5-install.tar.gz	2025/8/8 13:04	WinRAR 压缩文件	12,734 KB	

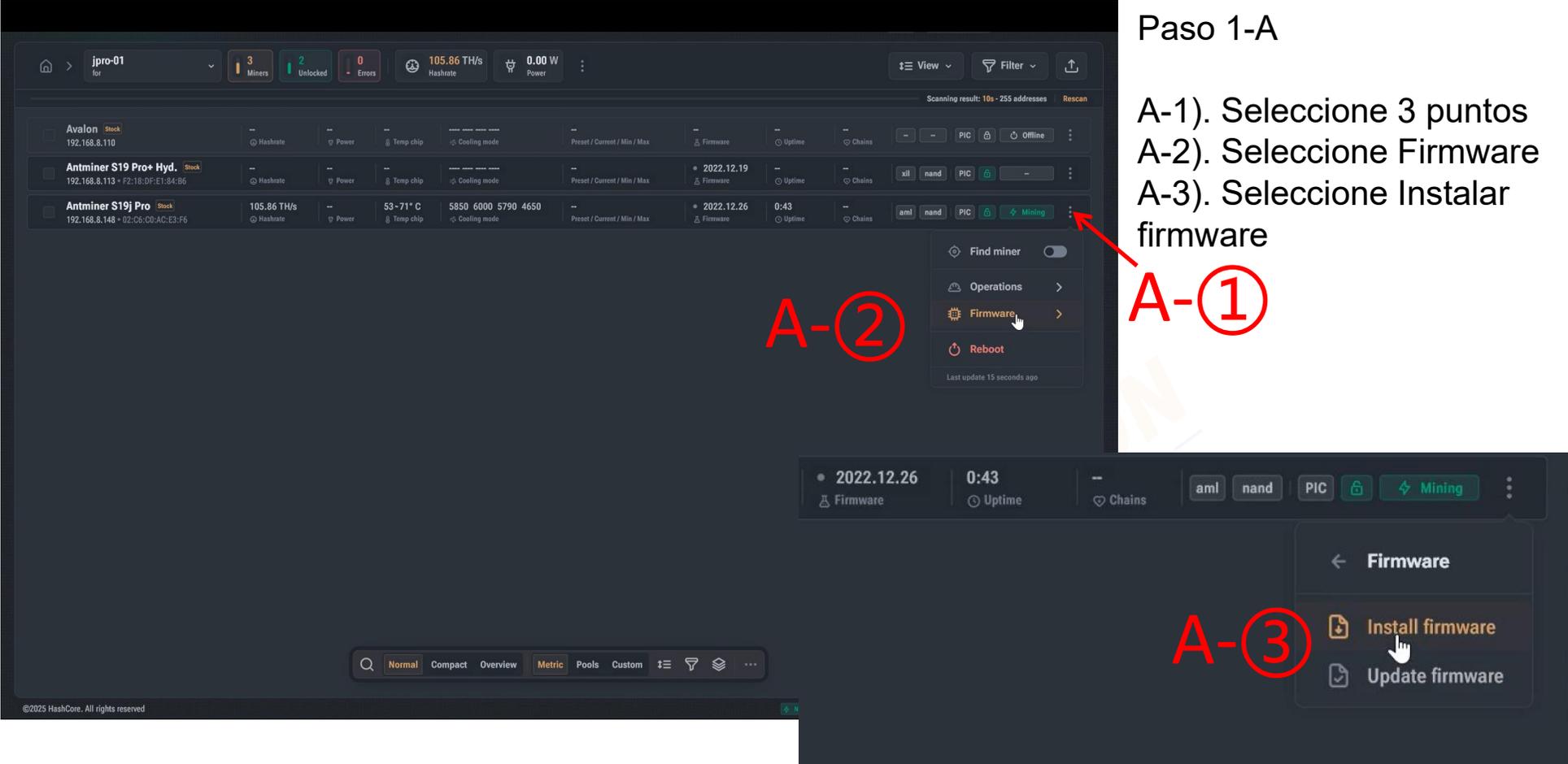
4 个项目



## Paso 1-A. Instalación del firmware — Instalación individual

Paso 1-A

A-1). Seleccione 3 puntos  
A-2). Seleccione Firmware  
A-3). Seleccione Instalar  
firmware

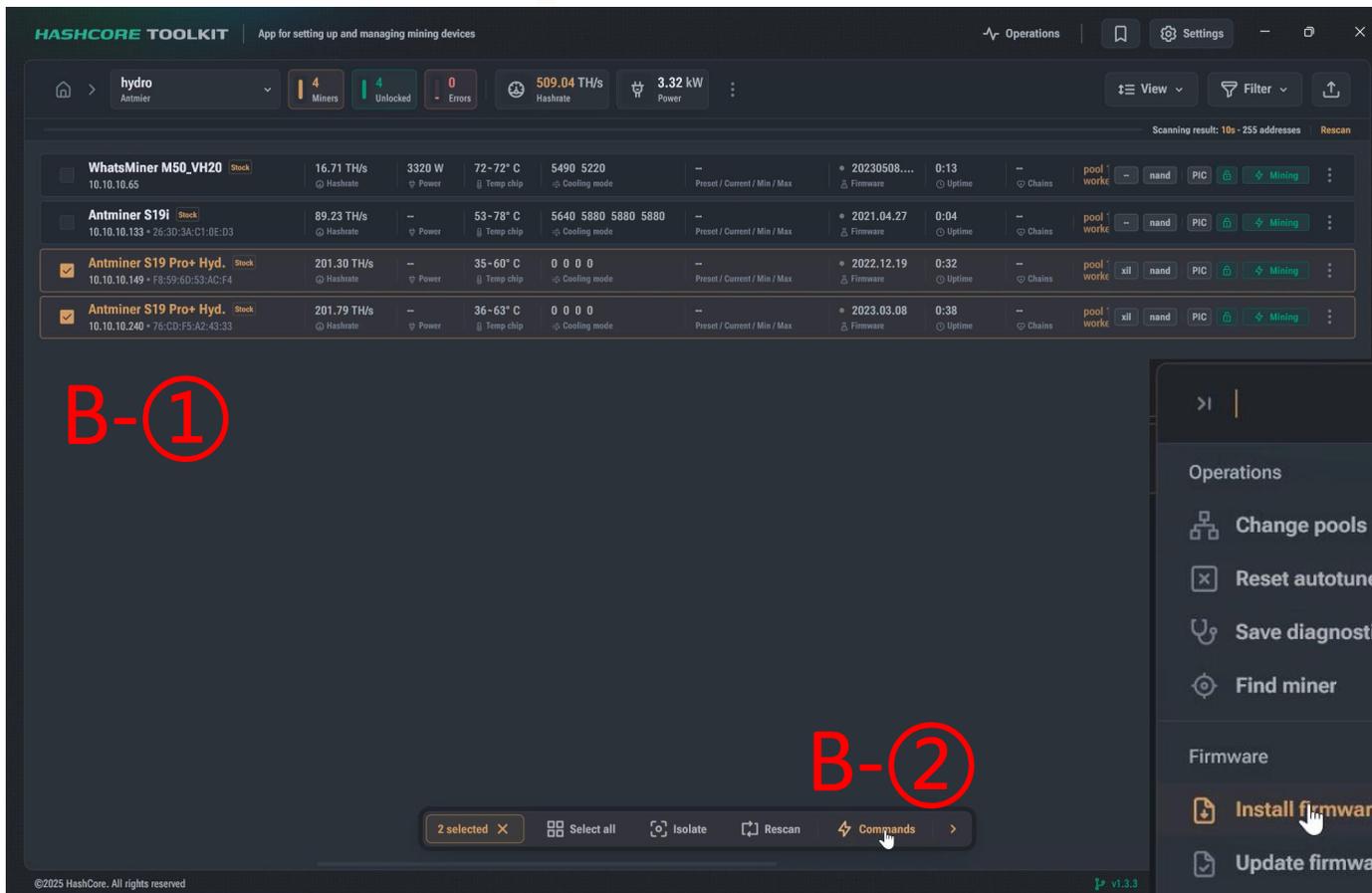


The screenshot displays the HashCore dashboard for a miner named 'jpro-01'. The main table lists three miners: Avalon, Antminer S19 Pro+ Hyd., and Antminer S19j Pro. The Antminer S19j Pro is selected, showing its status as 'Mining' and a firmware version of '2022.12.26'. A context menu is open for this miner, with 'Firmware' selected. A sub-menu is also open, showing 'Install firmware' as the chosen option. Red circles and arrows indicate the steps: A-1 points to the 'Mining' button, A-2 points to the 'Firmware' menu item, and A-3 points to the 'Install firmware' sub-menu item.

## Paso 1-B. Instalación del firmware — Instalación múltiple

### Paso 1-B

- B-1). Selecciona los mineros
- B-2). haz clic en Comandos
- B-3). Selecciona Instalar firmware



HASHCORE TOOLKIT | App for setting up and managing mining devices

Operations | Settings

hydro Antminer | 4 Miners | 4 Unlocked | 0 Errors | 509.04 TH/s Hashrate | 3.32 kW Power

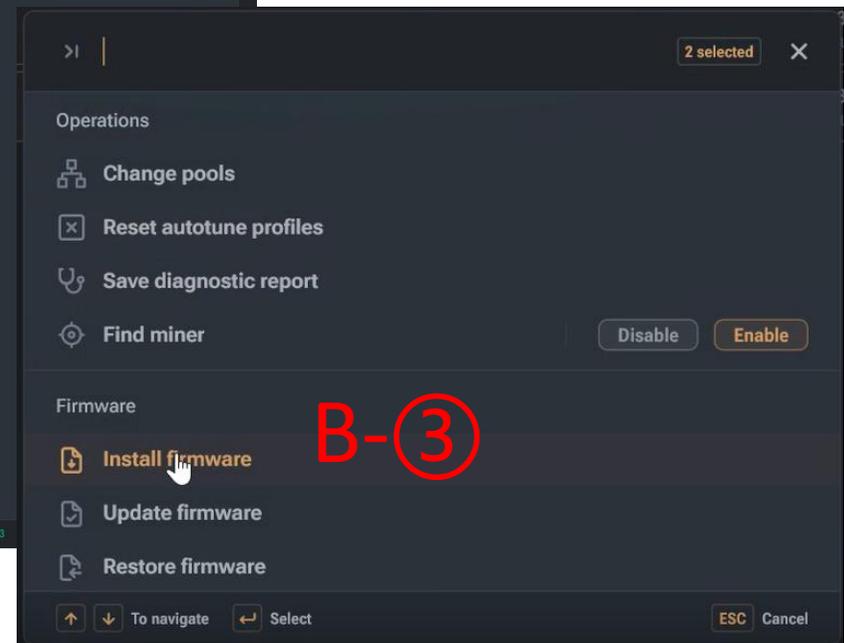
Miner	Hashrate	Power	Temp chip	Cooling mode	Preset / Current / Min / Max	Firmware	Uptime	Chains	pool	work	nand	PIC	lock	Mining	
WhatsMiner M50_VH20 Stock 10.10.10.65	16.71 TH/s	3320 W	72-72° C	5490 5220	--	20230508....	0:13	--	pool 1	work	nand	PIC	lock	Mining	
Antminer S19i Stock 10.10.10.133 + 26:30:3A:C1:0E:D3	89.23 TH/s	--	53-78° C	5640 5880 5880 5880	--	2021.04.27	0:04	--	pool 1	work	nand	PIC	lock	Mining	
<input checked="" type="checkbox"/> Antminer S19 Pro+ Hyd. Stock 10.10.10.149 + F9:59:6D:53:AC:F4	201.30 TH/s	--	35-60° C	0 0 0 0	--	2022.12.19	0:32	--	pool 1	work	xli	nand	PIC	lock	Mining
<input checked="" type="checkbox"/> Antminer S19 Pro+ Hyd. Stock 10.10.10.240 + 76:CD:FS:A2:43:33	201.79 TH/s	--	36-63° C	0 0 0 0	--	2023.03.08	0:38	--	pool 1	work	xli	nand	PIC	lock	Mining

Scanning result: 10s - 255 addresses Rescan

2 selected X

Select all Isolate Rescan Commands

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2 selected X

Operations

- Change pools
- Reset autotune profiles
- Save diagnostic report
- Find miner Disable Enable

Firmware

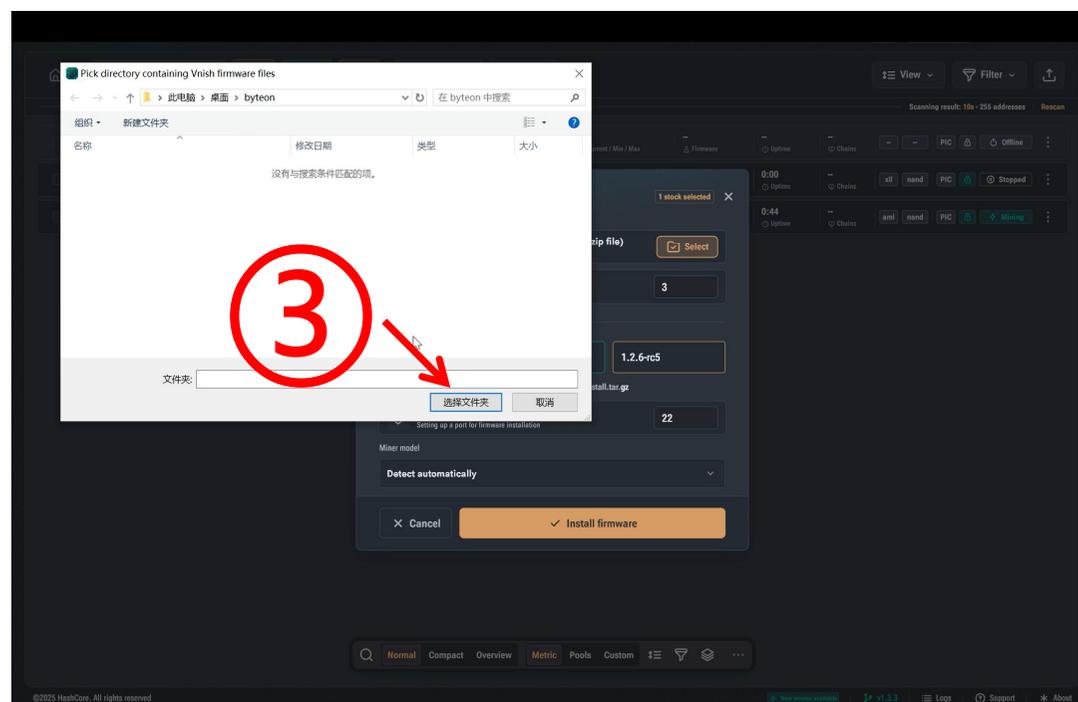
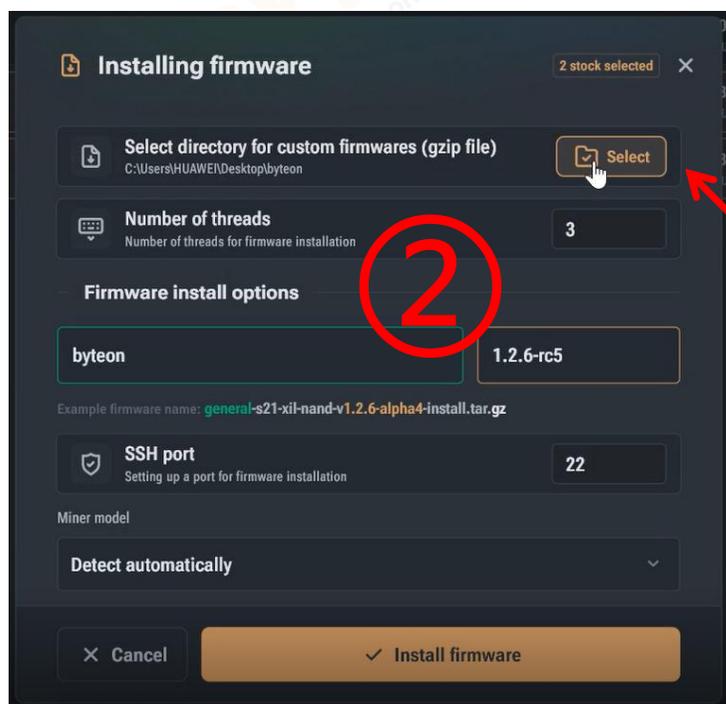
- Install firmware
- Update firmware
- Restore firmware

To navigate Select ESC Cancel

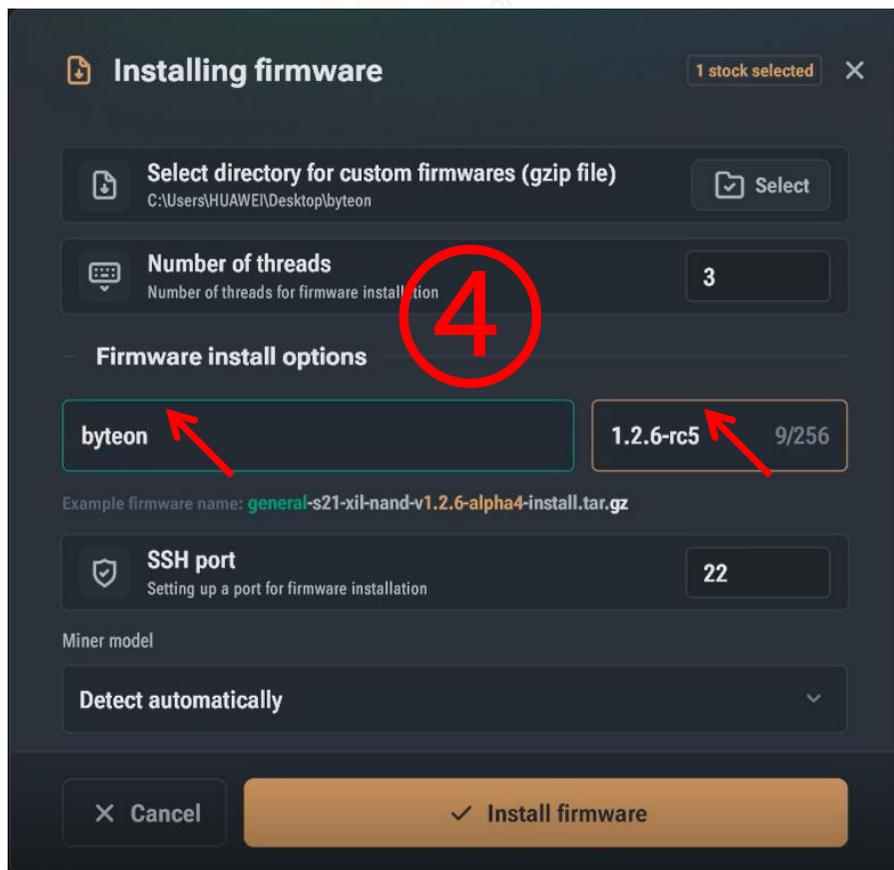
Paso 2- Haga clic en Seleccionar para abrir la carpeta

Paso 3- Abre la carpeta 'Byteon' donde está el firmware para instalar.

\*Si no se muestra ningún archivo, es normal.



Paso 4-Escriba el nombre de la versión del firmware- byteon,complete el nombre de la versión según el archivo del firmware



**Installing firmware** 1 stock selected

Select directory for custom firmwares (gzip file)  
C:\Users\HUAWEI\Desktop\byteon

Number of threads  
Number of threads for firmware installation 3

**Firmware install options**

byteon 1.2.6-rc5 9/256

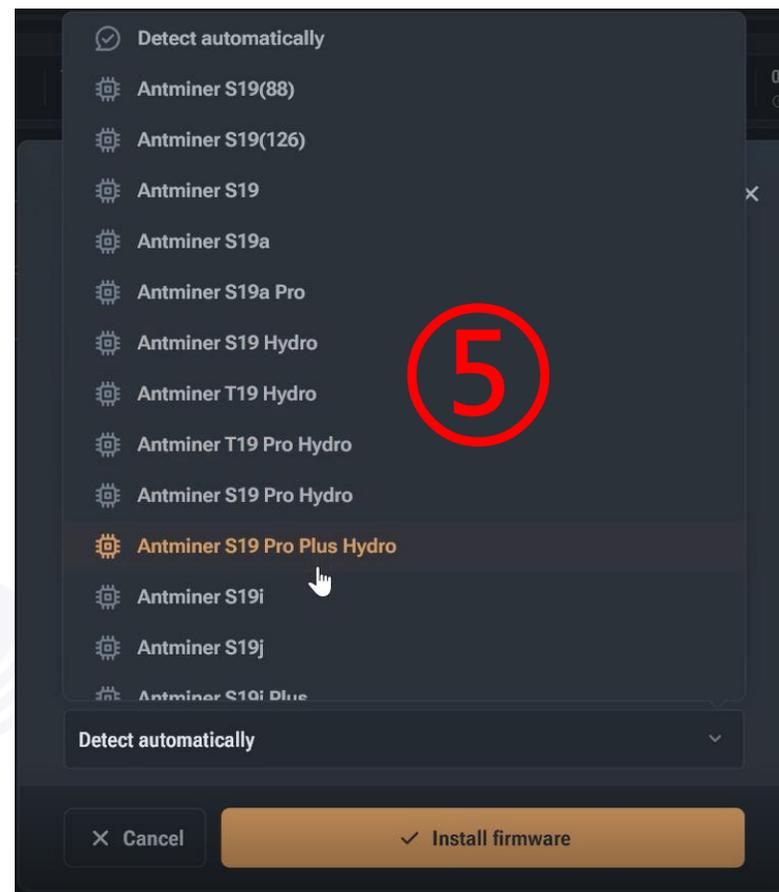
Example firmware name: general-s21-xil-nand-v1.2.6-alpha4-install.tar.gz

SSH port  
Setting up a port for firmware installation 22

Miner model  
Detect automatically

Cancel Install firmware

Paso 5- Modelo del minero  
\*Puede usar la opción 'Detección automática' o seleccionar el modelo manualmente



Detect automatically

- Antminer S19(88)
- Antminer S19(126)
- Antminer S19
- Antminer S19a
- Antminer S19a Pro
- Antminer S19 Hydro
- Antminer T19 Hydro
- Antminer T19 Pro Hydro
- Antminer S19 Pro Hydro
- Antminer S19 Pro Plus Hydro**
- Antminer S19i
- Antminer S19j
- Antminer S19i Plus

Detect automatically

Cancel Install firmware

## Paso 6-Haga clic en 'Instalar firmware'

### Installing firmware

2 stock selected

Select directory for custom firmwares (gzip file)  
C:\Users\HUAWEI\Desktop\Byteon

Number of threads  
Number of threads for firmware installation: 3

Firmware install options

byteon 1.2.6-rc5

Example firmware name: general-s21-xil-nand-v1.2.6-alpha4-install.tar.gz

SSH port  
Setting up a port for firmware installation: 22

Miner model  
Antminer S19 Pro Plus Hydro

Cancel Install firmware

## Paso 7- Seleccione 'Sí'

38-40° C	7860 7680	—	20230508...	0:01
Temp chip	Cooling mode	Preset / Current / Min / Max	Firmware	Uptime
15-48° C	5880 5880 5880 5760	—	2021.04.27	0:00
Temp chip	Cooling mode	Preset / Current / Min / Max	Firmware	Uptime
53-74° C	5640 5880 5880 5880	—	2021.04.27	0:09
Temp chip	Cooling mode	Preset / Current / Min / Max	Firmware	Uptime
35-60° C	0 0 0 0	—	2022.12.19	0:37
Temp chip	Cooling mode	Preset / Current / Min / Max	Firmware	Uptime
36-62° C	0 0 0 0	—	2023.03.08	0:43
Temp chip	Cooling mode	Preset / Current / Min / Max	Firmware	Uptime

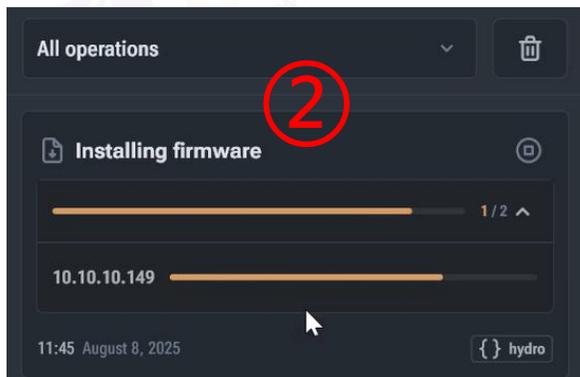
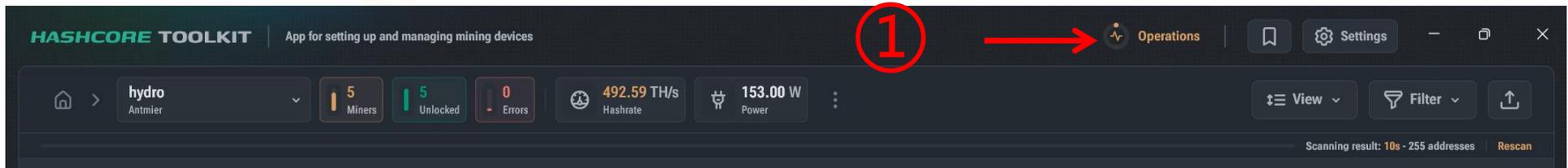
### Installing firmware

Install firmware for 2 devices

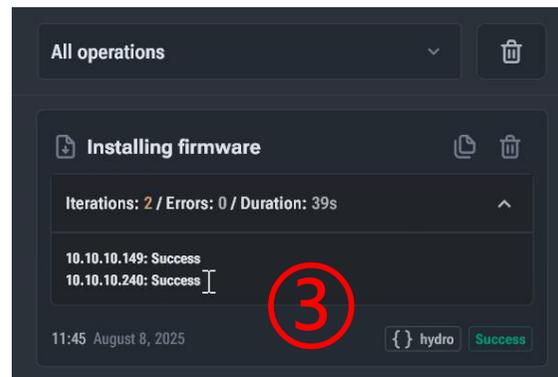
Yes

Cancel

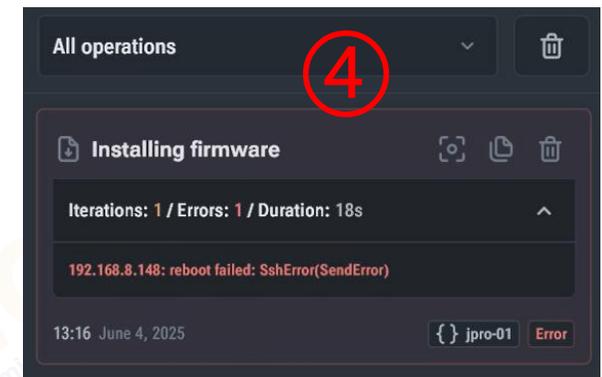
## Paso 8. Verifique el resultado de la operación



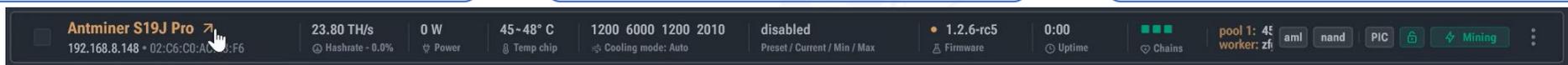
2 En la lista podrá ver el resultado del proceso de instalación



3 Instalación exitosa



4 Si ocurre algún error, se mostrará la causa del error

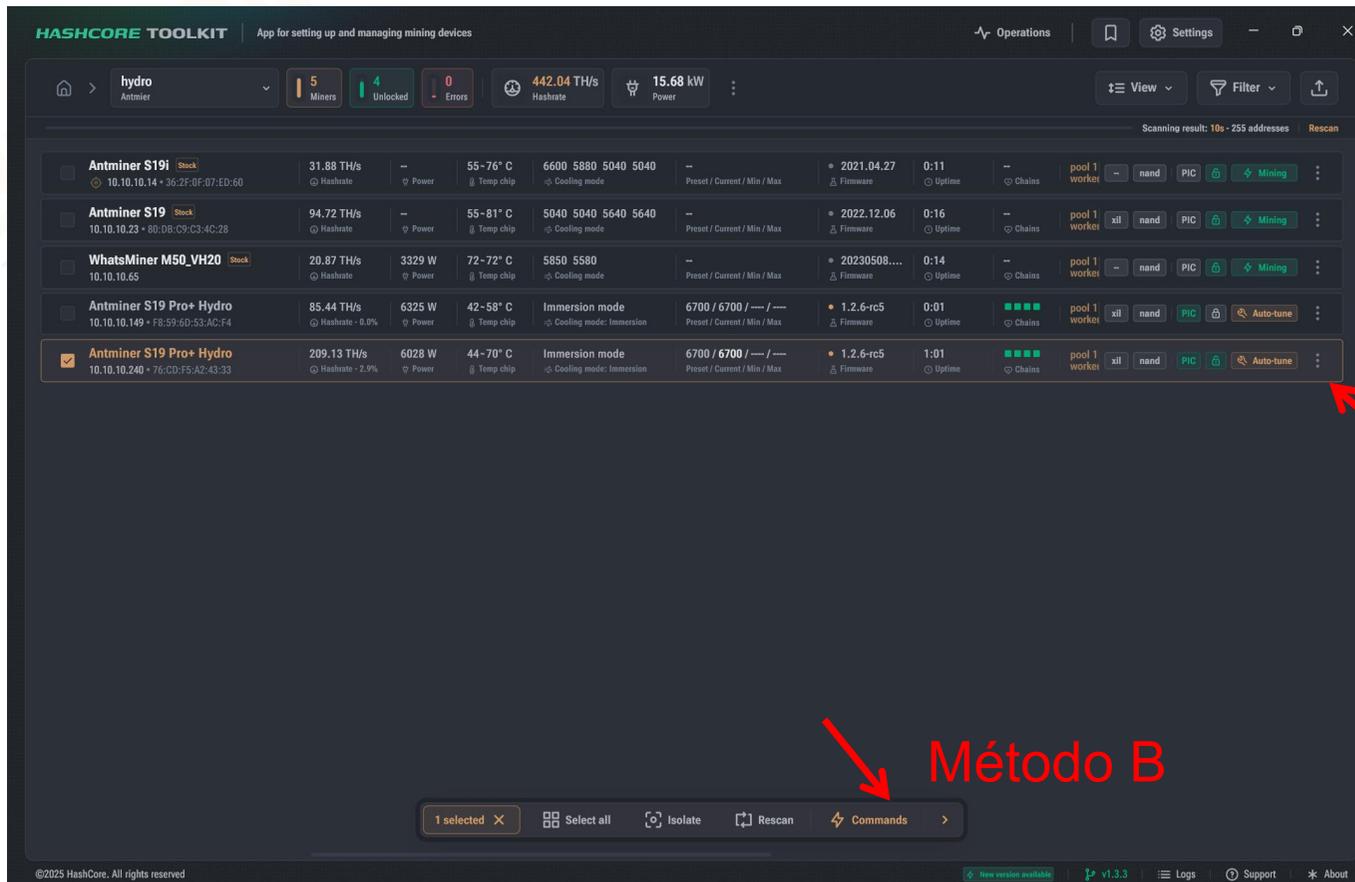


5 Instalación exitosa. Verifica el estado, ↗ abriendo el minero.

# Parte Tres

## Actualizar el Firmware Byteon

Paso 1: Haz clic en “Comandos” o en “: ” en la esquina derecha



**HASHCORE TOOLKIT** App for setting up and managing mining devices

Operations | Settings

hydro Antminer 5 Miners 442.04 TH/s Hashrate 15.68 kW Power

Scanning result: 10s - 25S addresses Rescan

Device	Hashrate	Power	Temp chip	Cooling mode	Presets	Firmware	Uptime	Chains	Pool	Worker	Config	Actions	
Antminer S19i	31.88 TH/s	---	55-76° C	6600 5880 5040 5040	---	2021.04.27	0:11	pool 1	worker	nand	PIC	⚙ Mining	
Antminer S19	94.72 TH/s	---	55-81° C	5040 5040 5640 5640	---	2022.12.06	0:16	pool 1	worker	xil	nand	PIC	⚙ Mining
WhatsMiner M50_VH20	20.87 TH/s	3329 W	72-72° C	5850 5880	---	20230508...	0:14	pool 1	worker	nand	PIC	⚙ Mining	
Antminer S19 Pro+ Hydro	85.44 TH/s	6325 W	42-58° C	Immersion mode	6700 / 6700 / --- / ---	1.2.6-rc5	0:01	pool 1	worker	xil	nand	PIC	⚙ Auto-tune
Antminer S19 Pro+ Hydro	209.13 TH/s	6028 W	44-70° C	Immersion mode	6700 / 6700 / --- / ---	1.2.6-rc5	1:01	pool 1	worker	xil	nand	PIC	⚙ Auto-tune

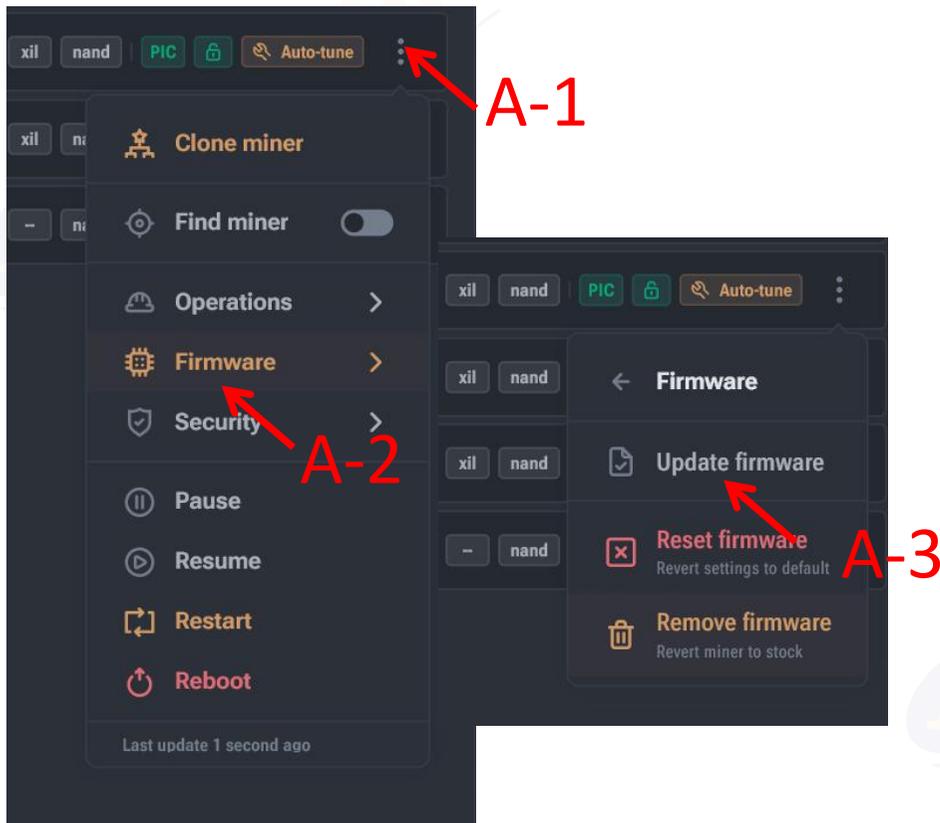
1 selected | Select all | Isolate | Rescan | **Commands** >

©2025 HashCore. All rights reserved. | New version available | v1.3.3 | Logs | Support | About

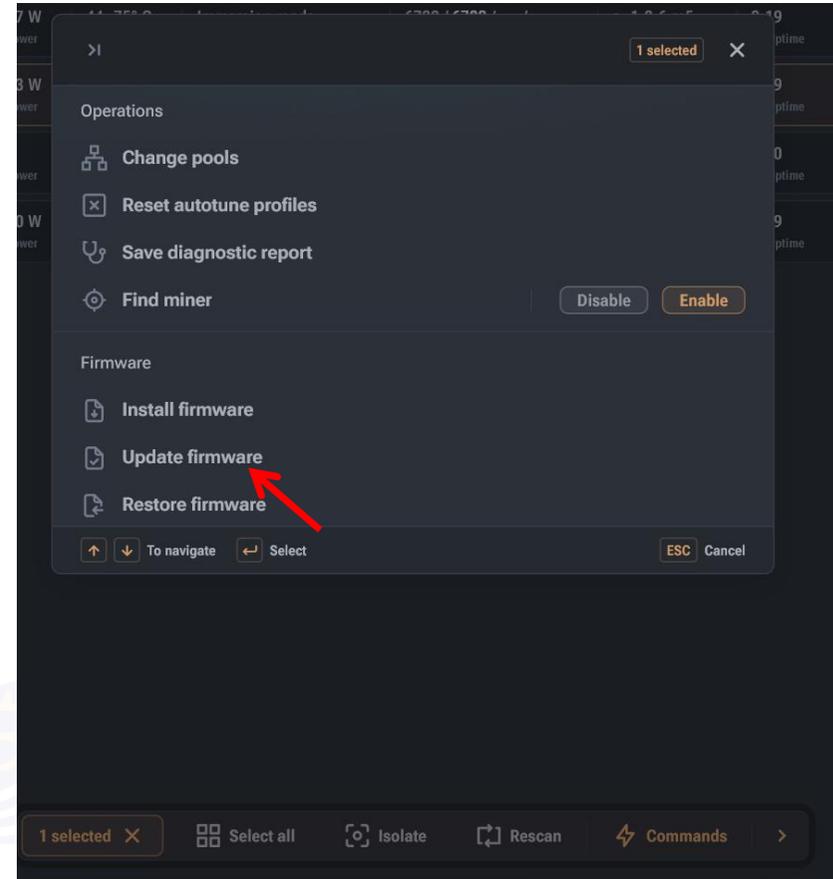
Método A

Método B

## Paso 1- Seleccione 'Update firmware'



Método A

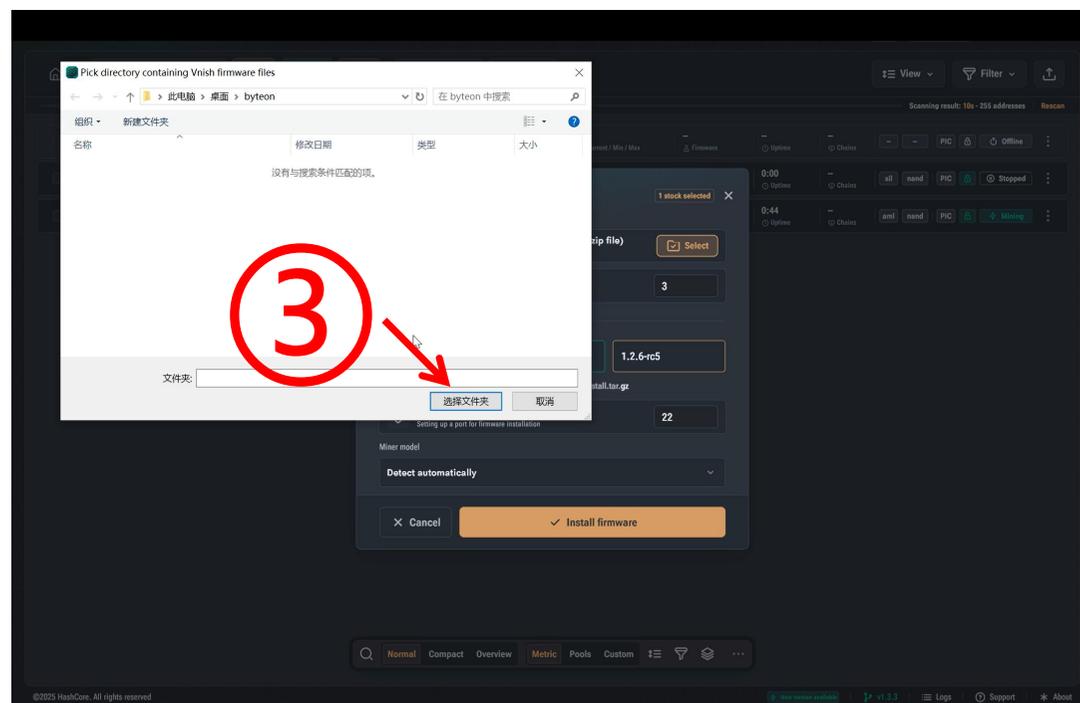
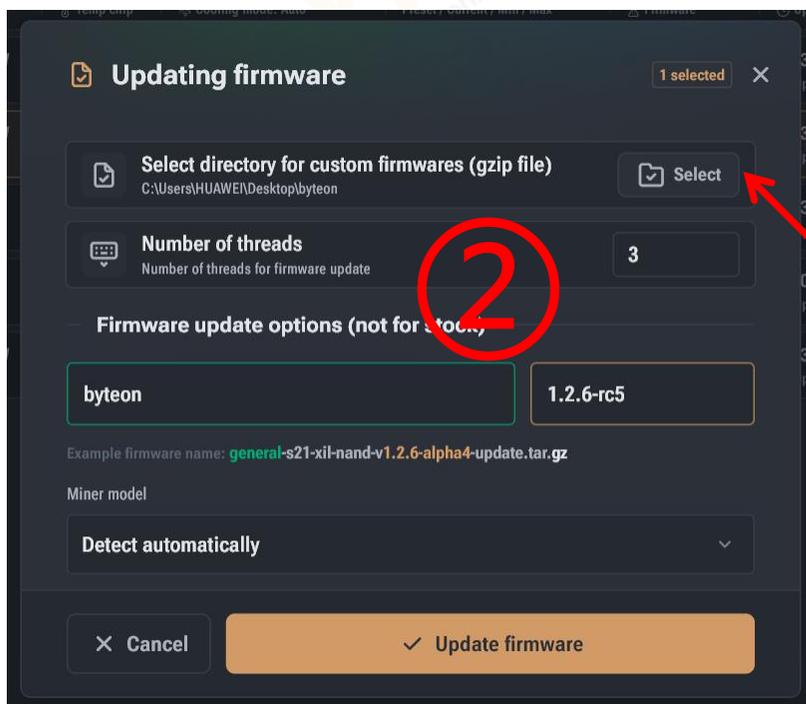


Método B

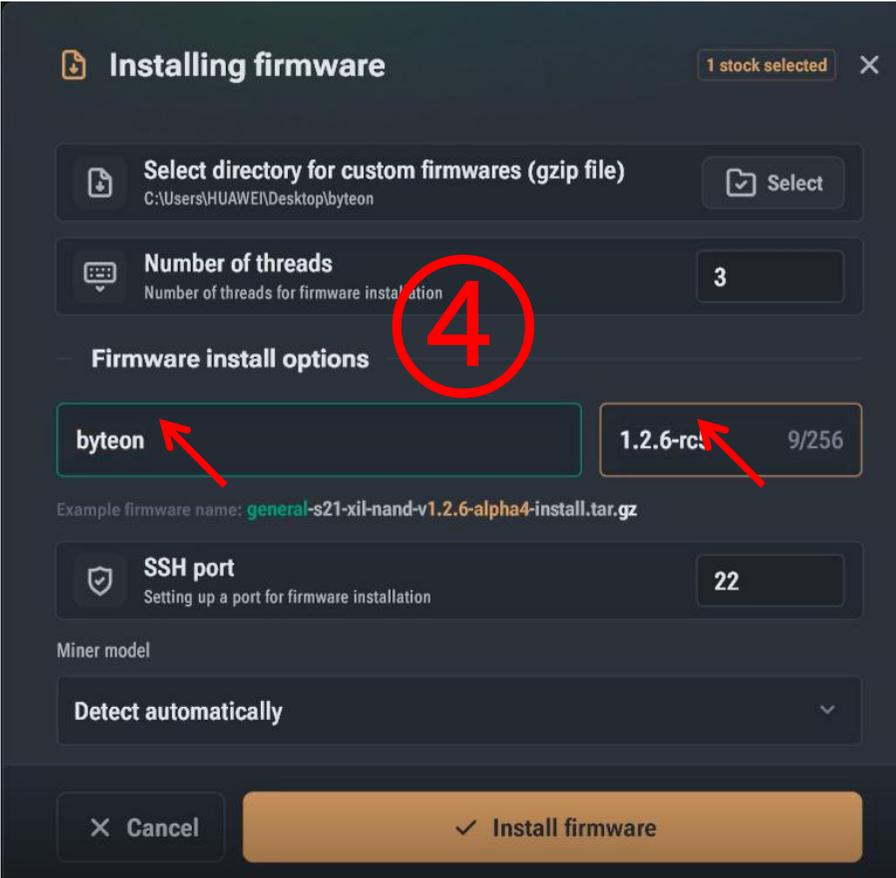
Paso 2- Haz clic en 'Select' abrir carpeta

Paso 3- Abre la carpeta 'byteon' donde está el firmware de actualización.

\* No se muestra ningún archivo, es normal



Paso 4- Rellena el nombre del firmware 'byteon' y la versión que coincida con el firmware que descargaste



**Installing firmware** 1 stock selected

Select directory for custom firmwares (gzip file)  
C:\Users\HUAWEI\Desktop\byteon

Number of threads: 3

**Firmware install options**

byteon 1.2.6-rc1 9/256

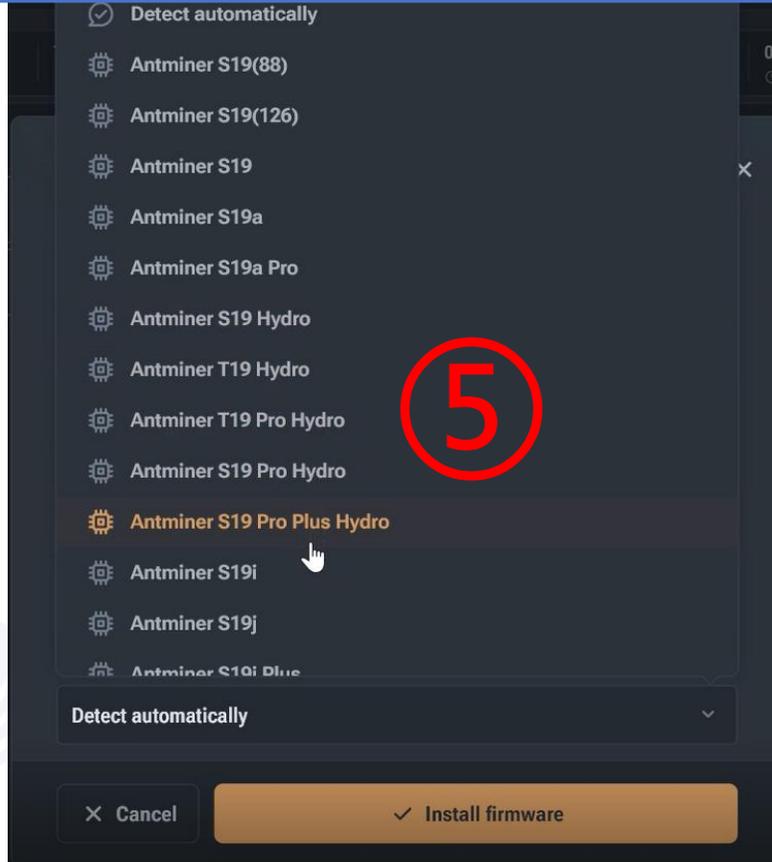
Example firmware name: general-s21-xil-nand-v1.2.6-alpha4-install.tar.gz

SSH port: 22

Miner model: Detect automatically

Cancel Install firmware

Paso 5- Seleccione el modelo del minero  
Si no aparece el modelo requerido, detecta automáticamente



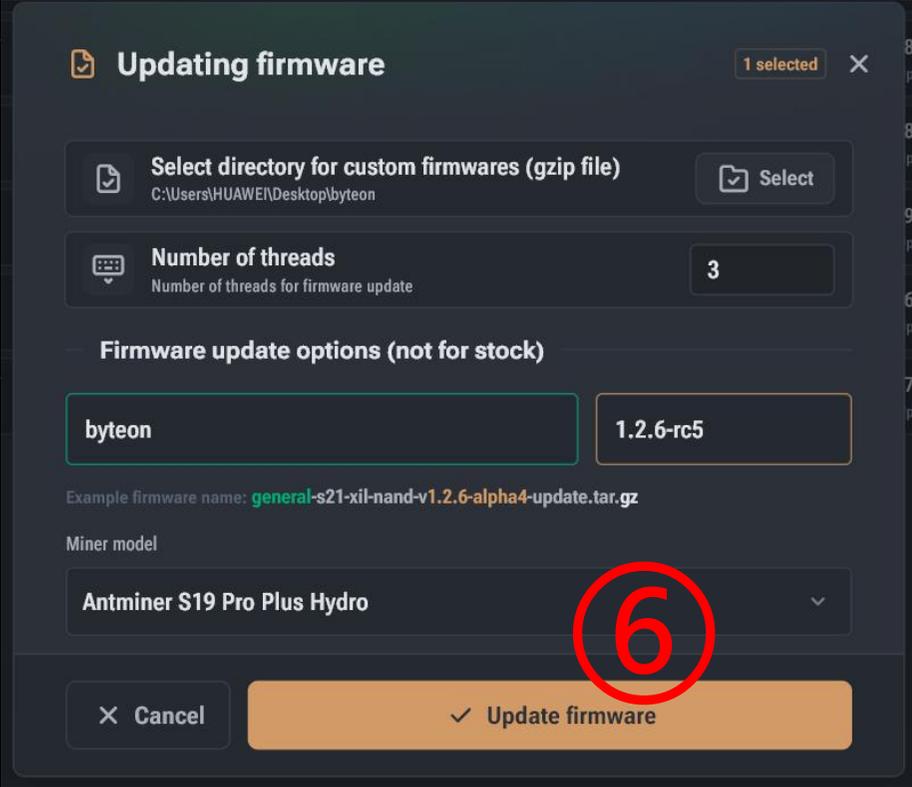
Detect automatically

- Antminer S19(88)
- Antminer S19(126)
- Antminer S19
- Antminer S19a
- Antminer S19a Pro
- Antminer S19 Hydro
- Antminer T19 Hydro
- Antminer T19 Pro Hydro
- Antminer S19 Pro Hydro
- Antminer S19 Pro Plus Hydro**
- Antminer S19i
- Antminer S19j
- Antminer S19i Plus

Detect automatically

Cancel Install firmware

## Paso 6- Update firmware



**Updating firmware** 1 selected X

Select directory for custom firmwares (gzip file)  
C:\Users\HUAWEI\Desktop\byteon Select

Number of threads  
Number of threads for firmware update 3

Firmware update options (not for stock)

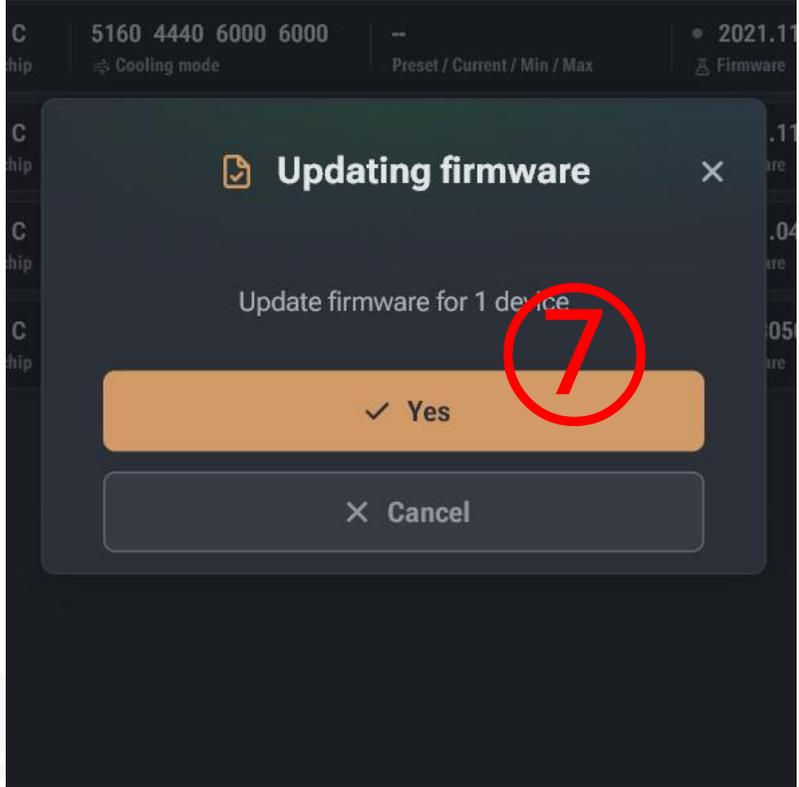
byteon 1.2.6-rc5

Example firmware name: **general-s21-xil-nand-v1.2.6-alpha4-update.tar.gz**

Miner model  
Antminer S19 Pro Plus Hydro

X Cancel ✓ Update firmware

## Paso 7- Seleccione 'Yes'



**Updating firmware** X

Update firmware for 1 device

✓ Yes

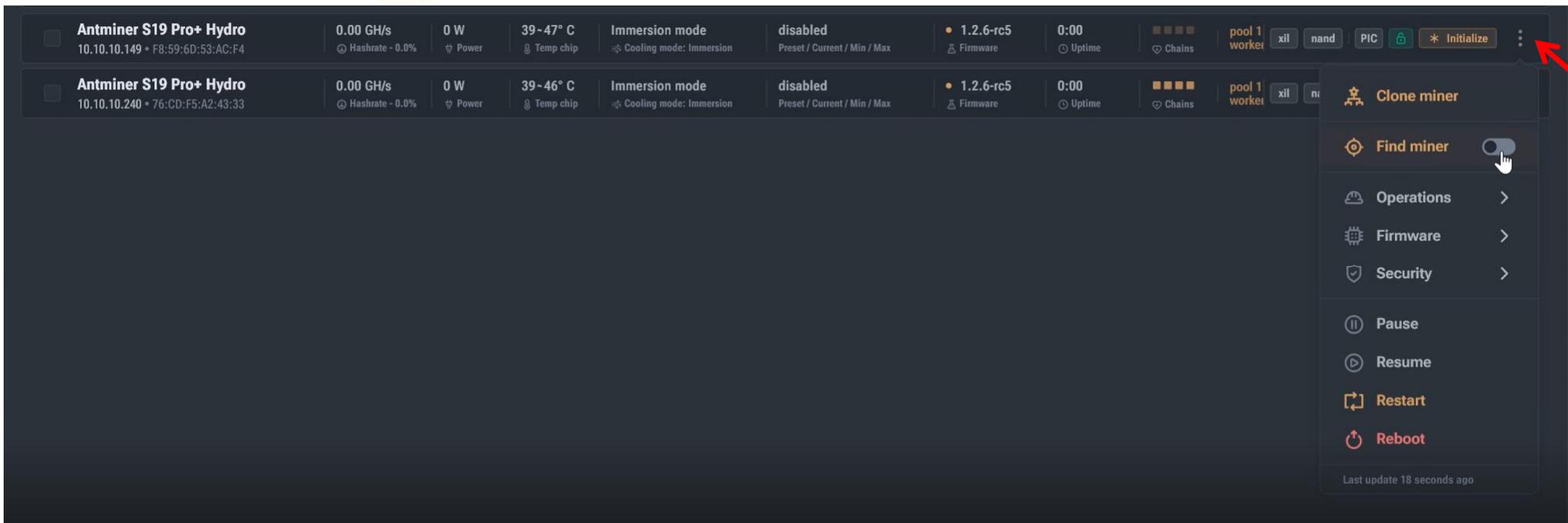
X Cancel

## Paso 8. Verifique el proceso de operación y el resultado de 'Operation'

# Parte Cuatro

## Otra Operación

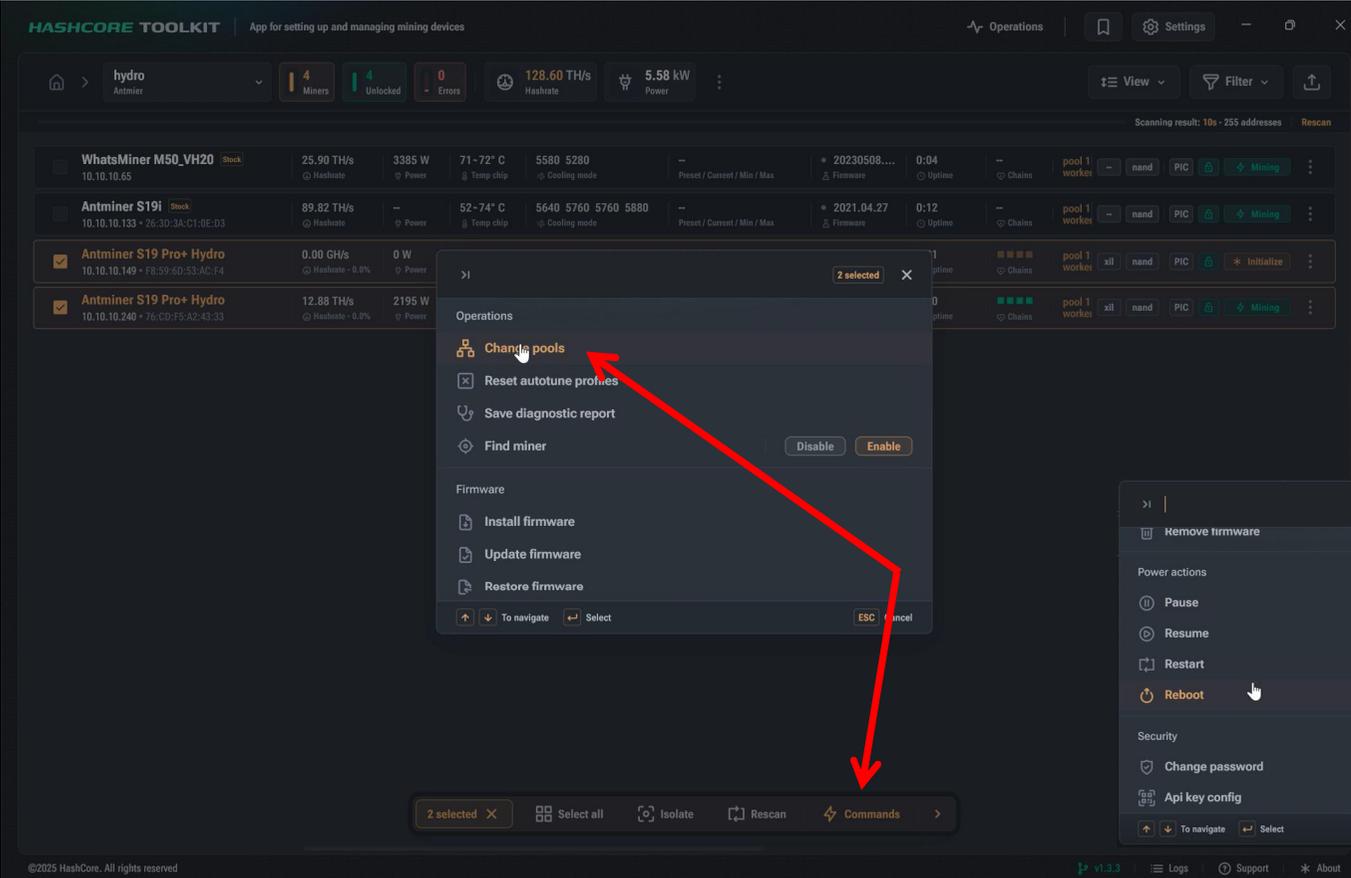
## Clonar firmware para mineros por lotes, encontrar mineros y controlarlos



The screenshot displays the Byteon miner control interface. At the top, two Antminer S19 Pro+ Hydro units are listed with their respective IP addresses and MAC addresses. Each unit's status is shown, including Hashrate (0.00 GH/s), Power (0 W), and Temperature (39-47°C and 39-46°C). The interface also shows the Immersion mode (disabled), Firmware version (1.2.6-rc5), and Uptime (0:00). A dropdown menu is open for the second unit, showing options like 'Clone miner', 'Find miner', 'Operations', 'Firmware', 'Security', 'Pause', 'Resume', 'Restart', and 'Reboot'. A red arrow points to the menu icon on the first unit.

Seleccione '⋮' para obtener opciones para configurar mineros.  
Seleccione 'Find miner' encenderá los indicadores de la máquina de minería.  
Seleccione 'Clone miner' para copiar la configuración de los mineros a otros mineros.

## Cambiar la cuenta del pool en lotes

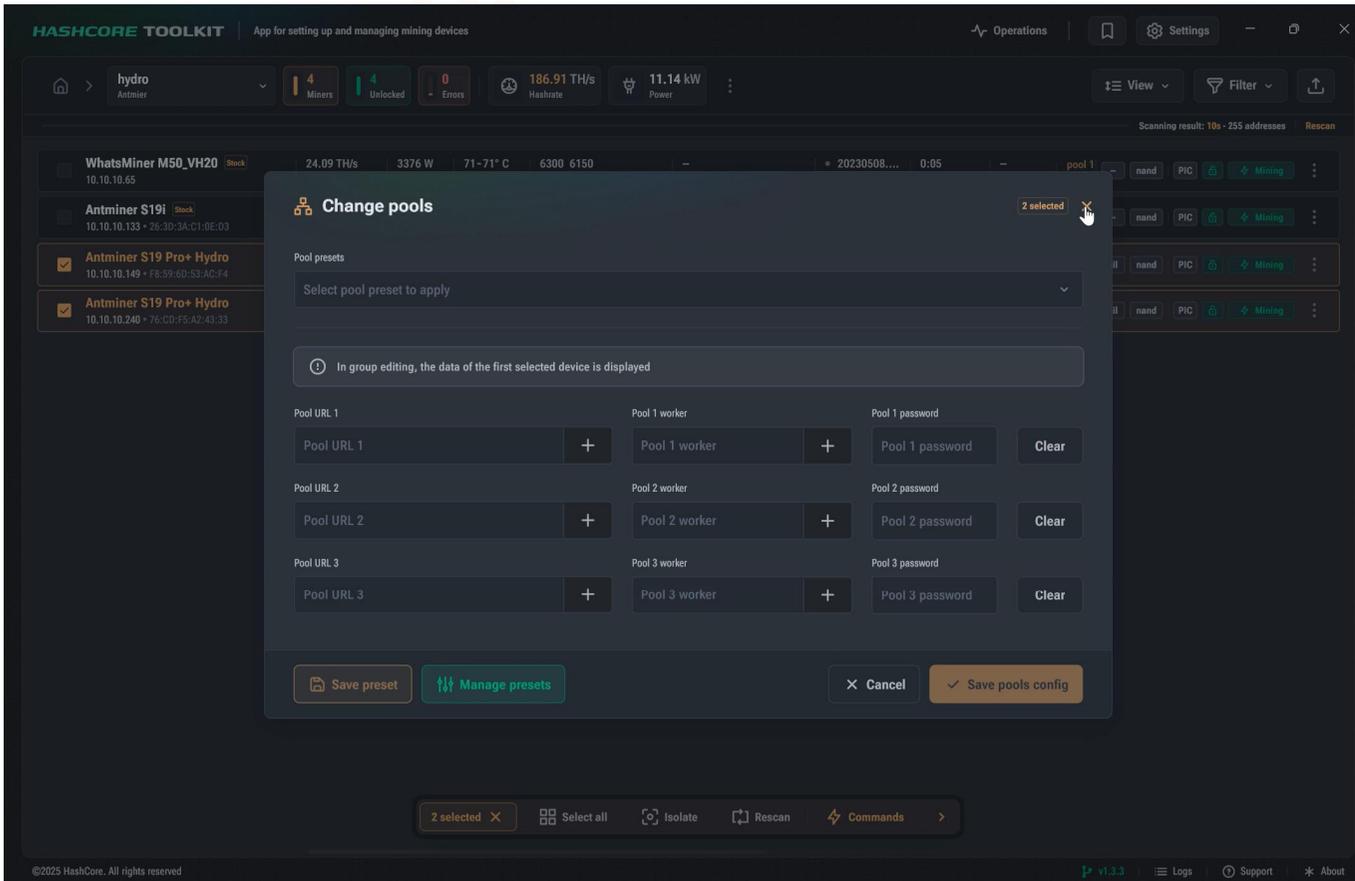


The screenshot shows the HashCore Toolkit interface for managing mining devices. The main panel displays a list of miners with their status, hash rate, power, and temperature. A context menu is open over the selected miners, showing options like 'Change pools', 'Reset autotune profiles', 'Save diagnostic report', 'Find miner', 'Install firmware', 'Update firmware', and 'Restore firmware'. A red arrow points from the 'Change pools' option to the 'Commands' button at the bottom of the interface.

- 1\ Seleccione mineros,
- 2\ Comandos,
- 3\

- Operaciones->Change pools
- Firmware
- Acciones de energía
- Seguridad

## Cambiar la cuenta del pool en lotes



The screenshot displays the HashCore Toolkit interface. A modal window titled "Change pools" is open, showing a "2 selected" indicator. The modal contains a "Pool presets" section with a dropdown menu. Below this, a note states: "In group editing, the data of the first selected device is displayed". The main configuration area is divided into three sections for "Pool 1", "Pool 2", and "Pool 3". Each section includes input fields for "Pool URL", "Pool worker", and "Pool password", along with a "+" button to add more and a "Clear" button. At the bottom of the modal, there are buttons for "Save preset", "Manage presets", "Cancel", and "Save pools config". The background interface shows a dashboard with mining device statistics, including "4 Miners", "186.91 TH/s Hashrate", and "11.14 kW Power".

Operaciones-> Change pools

Establezca la información de su pool

miner.com