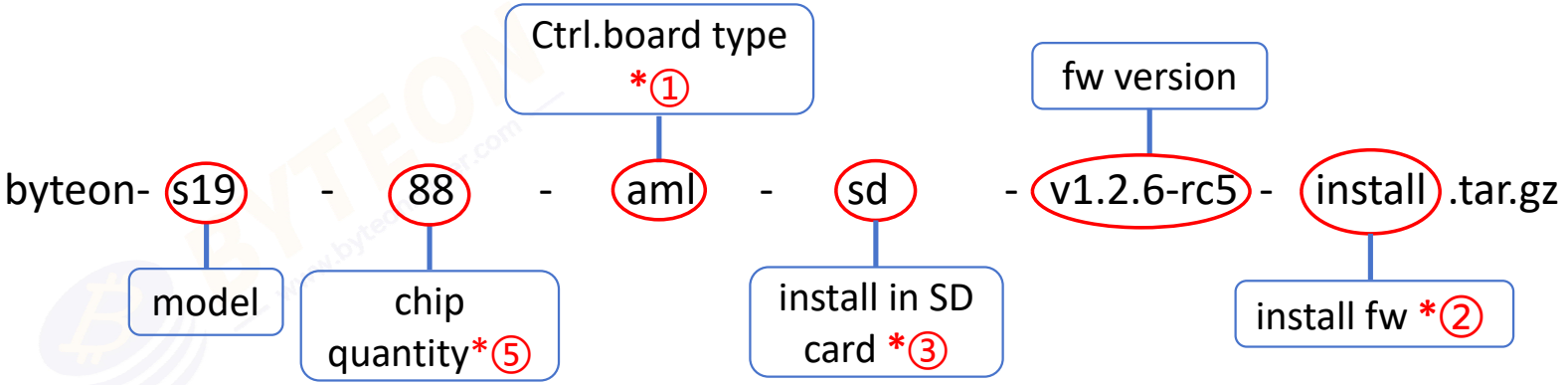
Byteon Firmware Introducton

2025/06

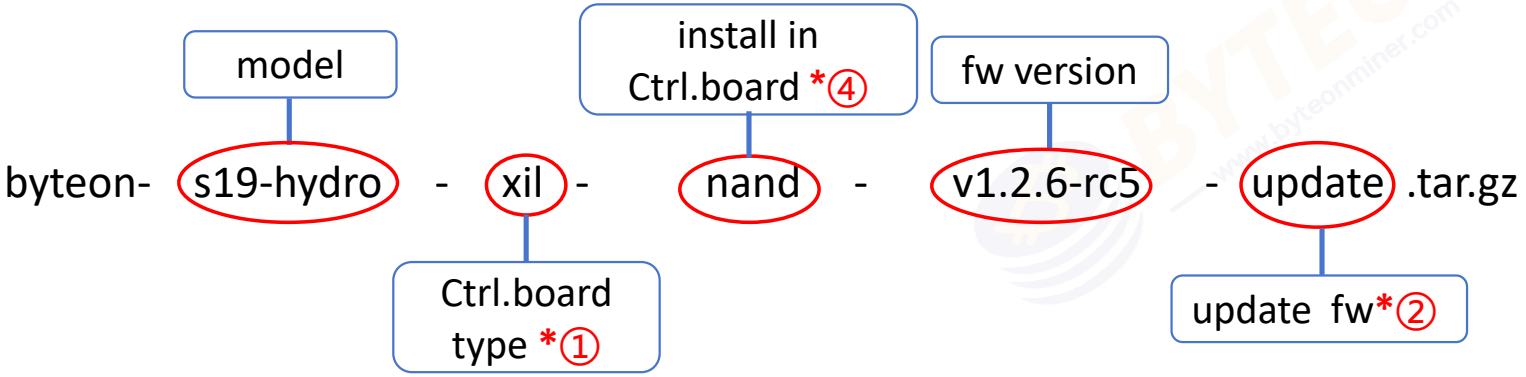
By Byteon

BYTEON
www.byteonminer.com

Byteon **Install** Firmware File Name Explanation



Byteon **Update** Firmware File Name Explanation



Explaination ① [Control Board Type]

“aml” - Based on Amlogic processor (w/o SD slot)

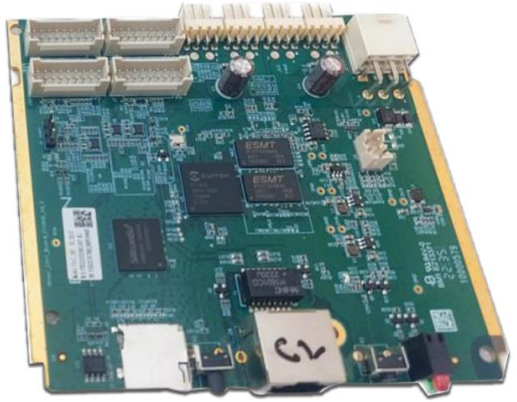
A113D
control board

“bb” - Beagle Bone (double layers SD slot inside)

“xil” - Based on Zylinx processor (SD slot)

7007
control board

“cvc” - based on CVITEK processor (SD slot)



Explaination ① [Control Board Panel]

“aml” - Based on Amlogic processor (w/o SD slot)

“bb” - Beagle Bone (double layers SD slot inside)

“xil” - Based on Zylinx processor (SD slot)

“cvc” - based on CVITEK processor (SD slot)

Explaination ② [install/update firmware]

- ‘install’ file is used to intall the Byteon firmware
- ‘update’ file is used to update the firmware for the miners which have installed byteon firmware.It can update to any firmware version,such as from 1.2.0-rc1 to 1.2.6-rc5

Explaination ③ [install in SD card]

- install the Byteon firmware into SD card use rufus or balenaEtcher application
- miner runs Byteon firmware when the SD card is inserted, and reverts to stock firmware when the card is removed

Explaination ④ [install in Ctrl.board]

- install the firmware directly onto the miner’s control board using Toolkit — extremely convenient in mass management
- check the stock firmware date, if you have BITMAIN firmware from March 2024 and newer you need to downgrade the stock firmware date,or you can’t install using Toolkit
- if Byteon firmware can’t be installed on pre-March 2024 versions, try shutting down the miner and restarting it. If that doesn’t work, try flashing this version firmware or an older one

Explaination ⑤ [chip quantity]

- miners of the same model may have different versions with varying chip counts — make sure to use the Byteon firmware that corresponds to the correct chip number.