

## GMiner Command Reference

Miner options:

--help or shortly -h - display available options

--version or shortly -v - print program version

--user\_id - print user ID

--algo or shortly -a - mining algorithm (for example: 'ethash', 'kawpow', 'cuckatoo32', 'beamhash')

--list\_devices - list devices available for mining

--contest\_wallet - Ethash wallet, parameter is required to participate in contest

--server or shortly -s - mining pool address (for example: 'eu.btgpool.pro', 'eu1.zhash.pro')

--port or shortly -n - mining pool port (for example: '5057', '1445')

--user or shortly -u - mining pool login or wallet address, worker's name can be specified with a dot (for example:

'sRuJK1BmA758GbOn.worker', 'GfGLyfP9GzZbPeTzvW1KSx3HeMnrNAiGWY.rig0')

--worker - worker name for Ethash stratum, for pools that does not support wallet.worker (for example: 'rig0')

--pass or shortly -p - worker password or default pool password, default value is 'x' (for example: 'sRuJK1Bm')

--ssl - enable/disable secure connection with mining pool ('0' - off or '1' - on), must be supported by a pool, default value is '0'

--proxy - SOCKS5 proxy server address (for example: 31.7.232.178:1080)

--proto - specify stratum protocol mode, possible values: proxy and stratum, useful for Ethash mining, default value is 'proxy' (for example: 'stratum')

--dag\_mode - space-separated list of Dag file modes (0 - auto, 1 - single, 2 - double), default is '0' (for example: '2 1 0')

--safe\_dag - space-separated list of DAG generation modes (0 - auto, 1 - fast mode, 2 - safe mode, in auto mode GTX GPUs - fast DAG and RTX GPUs - safe DAG), only Nvidia GPUs are supported, default is '0' (for example: '2 1 0')

--dag\_limit - space-separated list of Dag file size limits in megabytes, to disable the limit use 0, default is '0' (for example: '4096 4096 4096')

--cache\_dag - enable/disable caching of DAG file for mining Ethash + Zilliqa or Nicehash('0' - off or '1' - on), default

value is '1'

--dag\_gen\_limit - maximal number of parallel DAG generations, 0 - disable limit, default value is '0' (for example: '3')

--devices or shortly -d - space-separated list of cuda devices, default value is all available devices (for example: '1 3 5')

--kernel or shortly -k - space-separated list of kernel numbers for each device (0 - auto, 1-6 - kernel number, currently supports 6 kernels for Nvidia on Ethash/Etchash) (for example: '1 3 5')

--mt - space-separated list of memory tweak numbers for each device (range from 0 to 6, 0 - disable tweaks), only Nvidia GPUs with GDDR5X and GDDR5 memory are supported, requires running miner with admin privileges (for example: '1 3 5')

--fan - space-separated list of fan speed for each device in percents (range from 0 to 100, 0 - ignore), only Windows is supported (for example: '60 0 90')

--pl - space-separated list of power limits for each device in percents (range from 0 to 100 for Nvidia GPUs and -50 - 50 for AMD GPUs, 0 - ignore), only Windows is supported (for example: '30 0 50')

--cclock - space-separated list of core clock offsets (for Nvidia GPUs) or absolute core clocks (for AMD GPUs) for each device in MHz (0 - ignore), only Windows is supported, requires running miner with admin privileges (for example: '100 0 -90')

--mclock - space-separated list of memory clock offsets (for Nvidia GPUs) or absolute memory clocks (for AMD GPUs) for each device in MHz (0 - ignore), only Windows is supported, requires running miner with admin privileges (for example: '100 0 -90')

--cvddc - space-separated list of core voltage offsets in % (for Nvidia GPUs) or absolute core voltages (for AMD GPUs) for each device in mV (0 - ignore), only Windows is supported, requires running miner with admin privileges (for example: '900 0 1100')

--lock\_voltage - space-separated list of locked voltage points for each device in mV (0 - ignore), only Windows and Nvidia GPUs are supported. Requires running miner with admin privileges (for example: '900 0 1000')

--lock\_cclock - space-separated list of locked core clock point for each device in MHz (0 - ignore), only Nvidia GPUs are supported. Requires running miner with admin privileges (for example: '1200 0 1500')

--p2state - enable/disable P2 state, only Windows and Nvidia GPUs are supported. Requires running miner with admin privileges

--tfan - space-separated list of target temperatures for fan (0 - ignore), only Windows is supported (for example: '65 0 70')

--tfan\_min - space-separated list of minimal fan speed (0 - ignore) for tfan option, only Windows is supported (for example: '30 0 35')

--tfan\_max - space-separated list of maximal fan speed (0 - ignore) for tfan option, only Windows is supported (for example: '90 0 80')

--logfile or shortly -l - filename to save logs on disk, default value is '' (for example: '/usr/user/miner.log', 'c:\miner.log')

--log\_date - enable/disable date in each message, default value is '0' ('0' - off or '1' - on)

--log\_stratum - enable/disable data of communication with the server, default value is '0' ('0' - off or '1' - on)

--log\_newjob - enable/disable information about new jobs, default value is '1' ('0' - off or '1' - on)

--templimit or shortly -t - space-separated list of temperature limits, upon reaching the limit, the GPU stops mining until it cools down (for example: '85 80 75')