

XMRig Command Line Options

Network

Short option	Long option	Description	Version
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-o	--url=URL	URL of mining server	All
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-a	--algo=ALGO	mining algorithm	All
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--coin=COIN		specify coin instead of algorithm	3.2.0+
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-u	--user=USERNAME	username for mining server	All
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-p	--pass=PASSWORD	password for mining server	All
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-O	--userpass=U:P	username:password pair for mining server	All
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-x	--proxy=HOST:PORT	connect through a SOCKS5 proxy	5.7.0+
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-k	--keepalive	send keepalive packet for prevent timeout (needs pool support)	All
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--nicehash		enable nicehash support	All
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--rig-id=ID		rig identifier for pool-side statistics (needs pool support)	2.6.1+
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--tls		enable SSL/TLS support (needs pool support)	2.8.0+
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--tls-fingerprint=HEX		pool TLS certificate fingerprint for strict certificate pinning	2.8.0+
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--dns-ipv6		prefer IPv6 records from DNS responses	6.11.0+
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--dns-ttl=N		N seconds (default: 30) TTL for internal DNS cache	6.11.0+
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--daemon		use daemon RPC instead of pool for solo mining	3.0.0+
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--daemon-zmq-port=N		daemon's zmq-pub port number (only use it if daemon has it enabled)	6.14.0+
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--daemon-poll-interval=N		daemon poll interval in milliseconds (default: 1000)	3.0.0+
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--daemon-job-timeout=N		daemon job timeout in milliseconds (default: 15000)	6.19.0+
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--self-select=URL		self-select block templates from URL	4.4.0+
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--submit-to-origin		also submit solution back to self-select URL	6.9.0+
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-r	--retries=N	number of times to retry before switch to backup server (default: 5)	All
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-R	--retry-pause=N	time to pause between retries (default: 5)	All
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--user-agent set custom user-agent string for pool 2.3.0+

--donate-level=N donate level, default 1% (1 minute in 100 minutes) All

--donate-over-proxy=N control donate over xmrig-proxy feature 3.0.0+