LG07

Product Manual

Mar. 2025

Ver 1.0

1. Specification

Product Glance	Value
Model	LG07
Version	V1.0.0
Crypto algorithm/coins	Scrypt
Typical hashrate, MH/s(1-1)	11±10%
Power on @25°C(1-2), Watt(1-1)	12±10%
Detailed Characteristics	**Value**
Power supply	
Power supply AC input voltage range, V(2-1)	100~240V AC
Power supply AC input frequency range, Hz	50/60
Power supply AC input current, A(2-2)	0.6
Adapted AC output power requirement, W(2-3)	60

Hardware configuration	
Networking connection mode	WiFi 2.4G/Hotspot
Server size (Length*Width*Height, w/o package), mm	109*99*45
Server size (Length*Width*Height, with package), mm	200*180*65
Net weight, g	370
Gross weight, g	950
Noise, dBA @25°C (2-4)	40
Environment requirements	
Operation temperature, °C	0~30
Storage temperature, °C	-20~70
Operation humidity, RH	10%~90%
Operation altitude, m (2-5)	≤2000

2. Conditions for using "Luckyminer LG07"

2.1 Power Requirements:

Ensure the device is connected to a stable power source and meets the corresponding voltage and power requirements.

2.2 Environmental Conditions:

It is recommended to use the device in a dry, well-ventilated environment to avoid overheating or moisture.

2.2.1 Good ventilate;

2.2.2 It is prohibited to stack multiple devices or place them close together;

2.2.3 Do not place the device in a confined space.

2.3 Temperature Range:

Operate within ≤30℃ to ensure device stability and performance.

2.4 Equipment heat dissipation:

2.4.1 Ensure smooth ventilation at the air inlet and outlet of the device.

2.4.2 Blocking the air inlet and outlet of the device is strictly prohibited.

2.5 Network Connection:

Ensure the device is properly connected to the network and compatible with the selected mining pool protocol.

2.6 Maintenance:

Regularly clean the device and pay attention to maintaining the cooling system to ensure proper operation.

2.7 Usage Restrictions:

2.7.1 Avoid using the device in excessively harsh environmental conditions and adhere to manufacturer's recommendations and warnings to maintain long-term stability.

2.7.2 It is prohibited to upgrade to unofficial firmware. No after-sales service will be provided when upgrading firmware under unofficial guidance.

3. Recommended parameters

3.1 Frequency: ≤600MHz, when the power consumption is >30W, please gradually reduce the frequency;

3.2 Core voltage: ≤650mV, when the power consumption is >30W, please gradually reduce the voltage.

4. Mining Mode

Mining mode	Mechanism description
SOLO	SOLO mining means mining cryptocurrency alone, earning full rewards upon discovering new blocks.
PPLNS	PPLNS mining refers to a payment model where miners' rewards are calculated based on their last N submitted valid shares.
P2P	P2P mining refers to mining directly within the blockchain network by connecting to other nodes, rather than using centralized mining pools.
PPS	PPS mining refers to a payment model where miners receive rewards based on the number of valid shares they submit.

5. Mineable projects(example)

Item	Project Name	Reference mining pools		
		Pool 1	Pool 2	Pool 3
1	LTC	ltc.viabtc.io:3333	ltc.zsolo.bid:4057	ltc.luckymonster.pro:4112
		ltc.millpools.cc:3567	stratum.aikapool.com:7900	sg.pmpmining.com:5057
		pool4ever.com:7700		
2	XVG	mining.xvg-pool.com:8156		

Mineable projects

LTC	DOGE	BELLS	PEP	LKY	DGB	XVG	EMC2	FLO	GLC
MOON	NVC	NTBC	AUR	FXTC	SPB	ABY	WDC	AUS	BTB
EFL	NAH	LTB	EMD	CC	BAD	SMLY	VLS	TROLL	BTCS
IRL	ZET	X0Z	NENG	GCN	CHA	LYNX	SORA	IBH	ROGER
CHEESE	BTG	QAC	EAC	MARS	TIPS	BUTX	DGC	MTBC	SCHO
NTM	42	VCN	CESC	ANTS	RPC	QANON	KOT	TLT	DSV
EZC	SMCN	TUBO	COYE	REET	RIL	SON	FEC	DOGM	CY
PHLOX	POTR	IFC	LAMBY	FIURY	YMC	SAT	ONECN	SOSHE	VEAC
AIBC	FLAPX	LRM	MNT	PPPW	CAT	FROGE	BTRE	MOI	JKC
CRC	DINGO	FBX	SHIC	BQC	BONC	BONKC	BRC	FLOP	DEV
FLIN									

Notes:

※ LG07 is applicable to all Scrypt algorithm projects;
※ For more mining pools, please refer to https://miningpoolstats.stream/litecoin#
※ Due to regional and mining pool access difficulties, LG07 cannot access all mining pools.

6.Operating instructions

6.1 Product list

6.1.1 LG07 miner * 1

6.1.2 Adapter(12V/5A,100-240V Input) *1

6.1.3 AC line *1

6.2 Power on

6.2.1 Connect the AC cable to the adapter Input;

6.2.2 Connect adapter output to miner DC port;

6.2.3 After power on, the adapter indicator light is green, the miner fan is running, and the miner screen displays "connect to ssid: Lucky_ ****".

6.3 Connect to network

6.3.1 Search for the miner hotspot "Lucky_ ****" through WiFi on your phone or computer;

6.3.2 Select the "Lucky_ ****" hotspot (mobile or computer);

6.3.3 Wait for 5-10 seconds, automatically redirect to the mining configuration interface;

6.4 Mining configuration

6.4.1 We can enter the settings interface in 6.3.3 or by entering the IP in the browser;

6.4.2 Explanation of Setting Interface;

No.	Setting items	Explanation
1	WiFi SSID	WiFi name (special characters are strictly prohibited)
2	WiFi Password	WiFi password (special characters are strictly prohibited)
3	Stratum URL	Mining pool address or IP address
4	Stratum Port	Mining pool port number (multiple ports in the same mining pool correspond to different difficulties)
5	Stratum User	Registered username or main network wallet address for the mining pool
6	Frequency	ASIC IC operating Frequency(600MHz)
7	Core Voltage	ASIC IC core voltage(650mV)

6.4.3 Settings completed, click the "Save" button;

6.4.4 After saving the settings, click the "Restart" button.

6.5 View running status

6.5.1 Restart completed, wait for 30-60 seconds, the Home page will display the real-time running status of the miner.Contains information such as "Overview", "Power", "Pool information", "Results", etc...

6.5.2 The miner screen will synchronously scroll to display the above information.

6.6 View the status of pool

6.6.1 Log in to the mining pool website or app used by Miner;

6.6.2 Check online device status through username or wallet address.

7.Global community communication group

LuckyMiner台灣區官方社群

FCC Warnning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.