AURADINE

Teraflux AH3880
600 TH/s

Hydro-cooled SHA-256 server · 19-inch rack



COIN · ALGORITHM
Bitcoin · SHA-256

COOLING
Hydro (liquid loop)

POWER
3-phase 380–480 V

RELEASED
2025

Product Manual

Setup, operation, maintenance and OneMiners hosting guide

Version 1.0
First edition, November 2026
Information checked 7 Nov 2026

Contains manufacturer documentation © Auradine, summarised for customer reference.

About this manual

This manual covers the **Auradine Teraflux AH3880**, rated at **600 TH/s** and **8,700 W**.

Auradine is a US-based manufacturer. The AH3880 runs Auradine's FluxOS firmware and offers Eco, Mid and Turbo modes.

Each section that reproduces or summarises manufacturer content is marked with a **Source** tag. Values that sources disagree on, or that no source confirms, are marked **Needs verification** and listed in section 1.4. Chapters 8 to 12 cover the OneMiners platform, hosting, warranty and wallet, and are marked **OneMiners**.

Before you start

CHECK	POWER	COOLING	NETWORK
Label says Teraflux AH3880 Check the hashrate bin.	**3-phase 380–480 V** See 2.2.	**Inlet 10–60 °C** Loop ready before power-on.	**RJ45 + DHCP** A PC on the same network.

How notices are used

DANGER
Risk of electric shock, fire, burst pipes or injury. Do not continue until the condition is met.

CAUTION
Risk of damage to the miner, lost earnings or loss of data. Read before acting.

NOTE
Useful background, limits of a specification, or where to check further.

ONEMINERS
Applies to miners hosted in a OneMiners data center.

Copyright and disclaimer

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Specifications are typical values and may change without notice. Always confirm against the label on your unit and the latest manufacturer documentation. Information about profitability, hosting prices and platform features is for guidance only and is not financial advice. OneMiners' supplementary chapters may not be copied or redistributed without written permission.

Contents

01	**Product Overview** Specifications, versions and open questions	4
02	**Safety and Installation Requirements** Electrical, coolant loop and rack installation	6
03	**Initial Setup** Inspection, IP address and dashboard login	7
04	**Mining Configuration** Pools, worker names and saving settings	8
05	**Monitoring Performance** Dashboard values and what normal looks like	9
06	**Firmware and Maintenance** Firmware, reset and loop care	9
07	**Troubleshooting** Power, network, pools and cooling	10
08	**OneMiners Platform Guide** Miner details, pool settings, earnings and hardware status	11
09	**OneMiners Hosting and Warranty** Hosting service, warranty terms, exclusions and support	13
10	**Wallet and Mining Rewards** Mining balance, payout address, withdrawals and exchange	14
11	**Additional OneMiners Features** AI Smart Mining, mobile app and profitability tools	16
12	**Official Resources and Support** Links, contacts, sources and revision history	18

CHAPTER 01

Product Overview

The Auradine Teraflux AH3880 is a hydro-cooled SHA-256 server cooled by a liquid loop.



Figure 1-1 Auradine Teraflux AH3880 600 TH/s. Image: OneMiners product photo.

1.1 Key figures

600 TH/s	8,700 W	14.5 J/TH
Typical hashrate	Power on wall	Efficiency

1.2 Specifications

ITEM	VALUE
PRODUCT	
Model / version	**Auradine Teraflux AH3880**
Algorithm / coins	**SHA-256 · BTC / BCH / BSV**
Hashrate	**600 TH/s**
Power on wall	**8,700 W**
Efficiency	**14.5 J/TH**
POWER	
Supply	**Three-phase AC, 380–480 V nominal (320–528 V limits), 48–62 Hz**
Typical load	**8,700 W (OneMiners) · see 1.4**
Current	**20 A per phase (Auradine sheet)**
Cable	**SA2-30 to SA2-30 (Auradine sheet)**

ITEM	VALUE
HARDWARE	
Network	**RJ45 Ethernet 10/100M**
Size (L×W×H)	**665 × 485.65 × 88 mm (19-inch 2U)**
Weight	**29 kg (Auradine sheet) · 15.5 kg (OneMiners)**
Noise	**Fanless server (pump and cooler noise not included)**
COOLING AND ENVIRONMENT	
Inlet coolant	**10–60 °C**
Flow	**≈ 5–20 L/min**
Coolant volume	**≈ 1 L in the server**
Pressure and coolant type	**Needs verification: not published**

SOURCE Auradine AH3880 sheet (May 2025, via D-Central); OneMiners product page and AH3880 review (8 Sep 2026).

Versions and OneMiners listings

VERSION	HASHRATE	POWER ON WALL	EFFICIENCY
Eco mode (Auradine; power calculated)	400 TH/s	5,920 W	14.8 J/TH
Mid mode (Auradine; power calculated)	500 TH/s	8,150 W	16.3 J/TH
Turbo mode (Auradine; power calculated)	600 TH/s	10,740 W	17.9 J/TH
OneMiners listing	600 TH/s	8,700 W	14.5 J/TH

1.3 Hardware

Cooling	No fans; liquid through internal cold plates; inlet and outlet connectors.
Network	Ethernet.

SOURCE Auradine AH3880 sheet (May 2025, via D-Central); OneMiners product page and AH3880 review (8 Sep 2026).

1.4 Values that need verification

These values conflict between sources or aren't confirmed by the manufacturer. Check the label on your unit, and ask OneMiners support before planning power or cooling around them.

ITEM	WHAT THE SOURCES SAY	USED IN THIS MANUAL
Power at 600 TH/s	OneMiners 8,700 W (14.5 J/TH) · Auradine Turbo mode 17.9 J/TH (≈ 10.7 kW)	Plan circuits for up to 10.7 kW
Supply	OneMiners 110–240 V with a C13 plug · Auradine 380–480 V three-phase, 20 A per phase	Three-phase only; never C13
Size and weight	Auradine 665 × 486 × 88 mm, 29 kg · OneMiners 350 × 200 × 100 mm, 15.5 kg	Auradine values
Setup	Auradine's FluxOS setup guide not available for this edition	Follow FluxOS prompts; ask OneMiners

CHAPTER 02

Safety and Installation Requirements

The Teraflux AH3880 needs a three-phase supply and an engineered liquid-cooling loop that can reject about 8.7 kW. Installation must be done by qualified personnel.

2.1 Safety warnings

DANGER · ELECTRICAL

- The Teraflux AH3880 runs on **3-phase 380–480 V**. Connection must be made by a licensed electrician, with earthing, surge protection and a disconnect that breaks all phases.
- Never connect or disconnect power while the supply is live.

CAUTION · COOLING LOOP

- Run coolant through the server before powering on, and never run it dry.
- Use corrosion-inhibited, filtered coolant and follow your cooling-system maker's rules on materials.
- Keep the inlet above the room's dew point to avoid condensation.

2.2 Electrical requirements

Supply	**Three-phase AC, 380–480 V nominal (320–528 V limits), 48–62 Hz**
Typical load	**8,700 W (OneMiners) · see 1.4**
Current	**20 A per phase (Auradine sheet)**
Cable	**SA2-30 to SA2-30 (Auradine sheet)**
Protection	**Earthing, surge protection, disconnect breaking all phases**

2.3 Coolant requirements

Inlet coolant	**10–60 °C**
Flow	**≈ 5–20 L/min**
Coolant volume	**≈ 1 L in the server**
Pressure and coolant type	**Needs verification: not published**

SOURCE Auradine AH3880 specification sheet (May 2025) as reproduced by D-Central; OneMiners AH3880 review.

2.4 Rack installation and start-up

1. **Mount**
   Two people slide the Teraflux AH3880 into a 19-inch rack and secure it.

2 **Water**
Connect the inlet and outlet to the manifold as marked on the unit.

3 **Circulate**
Start circulation, bleed air from the loop and check for leaks.

4 **Power on**
Switch on the supply and watch inlet and outlet temperatures as the load rises.

> **AURADINE DOCUMENTATION**
> Where the maker doesn't publish a value it is marked Needs verification. Follow your cooling system's design values and ask OneMiners before installing.

03 CHAPTER Initial Setup

These steps take an installed Teraflux AH3880 to its web interface. If your miner is hosted by OneMiners, our team does this for you; skip to Chapter 8.

3.1 Unboxing and connecting

- Check the carton for damage and confirm the label shows **Auradine Teraflux AH3880**. Keep the packing for transport and warranty returns.

1 **Network**
Connect an Ethernet cable; the server uses DHCP.

2 **Power**
Switch on the three-phase supply once the cooling loop is running.

3.2 Finding the miner's IP address

1 Find the server in your router's DHCP client list or with an IP scanner.

3.3 Logging in

1 Open the IP address in a browser to reach the FluxOS interface.

2 Log in (**Needs verification**: Auradine's default credentials are not in the sources we found; check the label or Auradine's portal).

SOURCE D-Central, Auradine Teraflux AH3880 reference page (FluxOS 3.0.1 on Auradine's portal); Auradine setup documentation **Needs verification** .

CHAPTER 04

Mining Configuration

The Teraflux AH3880 mines on the SHA-256 algorithm. Enter a pool for that coin.

4.1 Setting up pools

1. Open the pool settings in the FluxOS interface.
2. Enter pool URL, worker and password for each pool.
3. Save and check the hashrate.

FIELD	WHAT TO ENTER
Pool / mining address	The pool's stratum address, in the format `stratum+tcp://host:port`. Copy it from your pool's "Connect" or "Getting started" page.
Worker / user	Your pool account or wallet address plus a worker name, usually `account.worker`, for example `myaccount.ah388001`.
Password	Optional. Most pools accept any value, such as `x`.

COIN AND POOL
Pool 1 is used first; Pools 2 and 3 are backups. The miner mines SHA-256 coins; this manual assumes Bitcoin (BTC).

CAUTION
Use only pool addresses from the pool's official website, and always add at least one backup pool. A mistyped address mines for nobody.

ONEMINERS
Hosted miners are configured from the OneMiners platform rather than the miner's own dashboard. To change pools, use **Pool Settings** in your account (see 8.2).

SOURCE D-Central, Auradine Teraflux AH3880 reference page (FluxOS 3.0.1 on Auradine's portal); Auradine setup documentation **Needs verification** .

05 CHAPTER Monitoring Performance

For a hydro miner, the coolant temperatures matter as much as the hashrate.

5.1 What normal looks like

570–630 TH/s	10–60 °C	< 1 %
Average hashrate (±5%)	Inlet coolant	Pool rejection rate

Values from the manufacturer's rated figures; expect small variation between units.

5.2 What to watch

VALUE	MEANING
Average hashrate	The most reliable measure of performance.
Board temperatures	Should stay stable. Rising values point to flow, inlet temperature or air in the loop.
Coolant inlet	Keep within Inlet 10–60 °C.
Pool status	Active pool, accepted and rejected shares. Rejection below 1% is normal.

06 CHAPTER Firmware and Maintenance

Keep the firmware current and the coolant clean and within limits.

6.1 Firmware

> **USE THE RIGHT FILE**
> Install only firmware Auradine publishes for the **Auradine Teraflux AH3880**, from Auradine's official portal (FluxOS) or the OneMiners Manuals & Firmware Library. Keep the miner powered during the upgrade.

1. Verify the published checksum and that the file matches the AH model prefix.
2. Upgrade through FluxOS, keeping power on.

6.2 Password and reset

- Change the password after first login.
- Factory reset: **Needs verification**.

SOURCE D-Central, Auradine Teraflux AH3880 reference page (FluxOS 3.0.1 on Auradine's portal); Auradine setup documentation **Needs verification** .

6.3 Preventive maintenance

WHEN	TASK
Daily	Inlet and outlet temperatures, flow, pressure, hashrate.
Monthly	Check connectors for drips; check filters.
Every 3–6 months	Test coolant pH, conductivity and inhibitor level; clean filters.
Yearly	Full coolant analysis; flush and refill if needed.

Intervals are OneMiners recommendations; follow the cooling system or fluid supplier where it is stricter.

07 CHAPTER Troubleshooting

Start with the symptom table. Hosted customers: contact OneMiners service rather than attempting repairs.

SYMPTOM	CHECK
No power	Check the supply is 3-phase 380–480 V and the breaker is on. Check the power cord and PSU connections.
IP not found	Check the cable and DHCP, then repeat the IP search in 3.2.
Pool won't connect	Re-check the pool address, port and worker name, gateway and DNS. Save, then restart if the interface asks.
Low hashrate or overheating	Check inlet temperature, flow and pressure. Purge air and clean filters.
Leak or condensation	Power off first. Don't restart until the miner is dry and the leak is fixed.
Smell, unusual sound or smoke	Switch off immediately and contact service.

SOURCE Based on Auradine documentation cited in Chapters 2–6.

ONEMINERS
For a hosted miner, send the symptom and your miner's service ID to **service@oneminers.com** or WhatsApp **+1 305 867 6143**. Repairs under warranty are handled on site by our repair team.

08 CHAPTER OneMiners Platform Guide

Miners hosted by OneMiners are monitored and managed from your account at app.oneminers.com or the OneMiners mobile app. Screens in this chapter are from OneMiners platform v1.2 and show example values from other miners, not an Teraflux AH3880.

8.1 Miner details

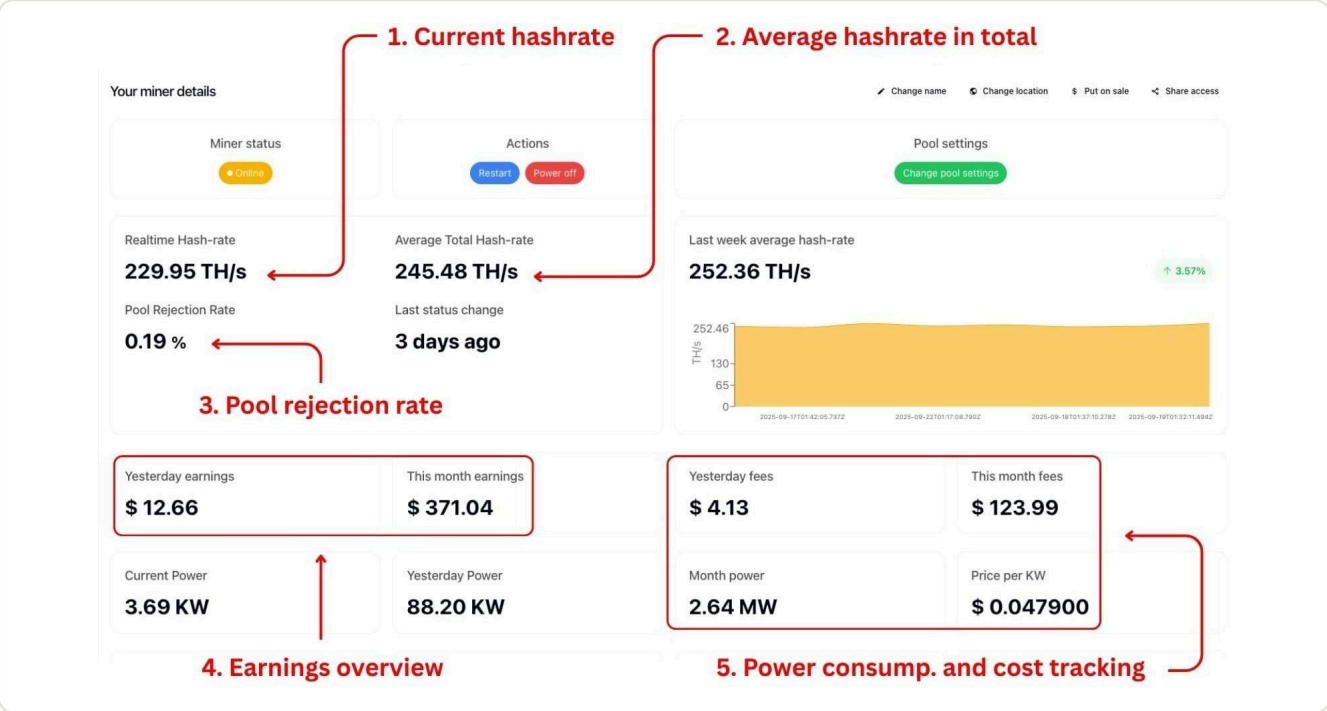


Figure 8-1 Miner details on OneMiners platform v1.2 (example values).

1 · Current hashrate	Real-time hashrate (for the Teraflux AH3880, in TH/s). It moves with network stability, hardware and pool communication.
2 · Average hashrate	Average over a longer period (typically 24 h). The most reliable measure of performance; for the Teraflux AH3880, expect about 582–618 TH/s.
3 · Pool rejection rate	Share of submitted shares the pool rejected. Below 1% is healthy.
4 · Earnings overview	Estimated earnings for the selected period, based on accepted shares.
5 · Power and cost	Real-time and historical energy use (kW) and its cost at your configured price per kWh.

8.2 Pool settings

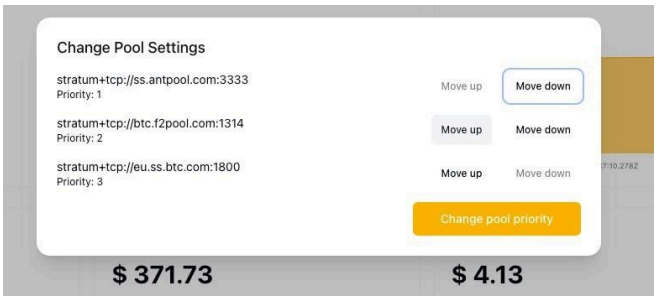


Figure 8-2 Change Pool Settings.

- Up to three pools can be connected.
- Pools are listed in priority order. If the first is unavailable, the miner switches to the second, then the third.
- Use **Move up** / **Move down** to set the order, then **Change pool priority** to apply it.

8.3 Earnings and fees



Figure 8-3 Earnings, fees, power and price per kWh (example values).

- **Earnings:** daily, monthly and cumulative mining rewards in USD or your selected currency.
- **Fees:** pool and platform fees deducted from earnings, shown daily and monthly.
- **Net result:** earnings minus fees, which is your net mining income.

8.4 Hardware status

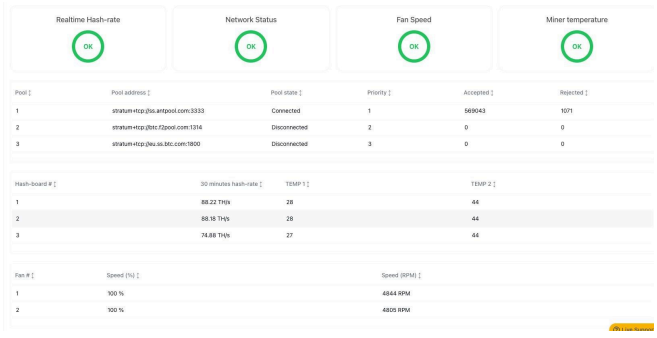


Figure 8-4 Hardware status (example from an air-cooled miner).

- **Network status:** whether the miner is connected to its pools. Address disconnections immediately.
- **Miner temperature** and **hashboard table:** per-board hashrate and temperatures. Useful for spotting an underperforming board early.

> **HYDRO UNITS**
> The Teraflux AH3880 is liquid-cooled. Fan readings, if any are shown, don't describe its cooling. Watch board and coolant temperatures and the cooling alerts instead.

ONEMINERS OneMiners platform v1.2. Confirm layout against the current version of your account.

CHAPTER 09

OneMiners Hosting and Warranty

OneMiners hosts customer-owned miners in its data centers, providing power, cooling, racking and monitoring. Terms below reflect OneMiners' published pages as checked on 7 November 2026.

9.1 Hosting

- Hosting is offered across 17 data centers worldwide, **from 3.6¢ per kWh** at the time of writing.
- Locations include Nigeria, Ethiopia, Dubai, the USA (Texas, Houston, Georgia, South Carolina, Kansas and a no-service-fee option), Finland, Norway, Canada, Brazil, Czechia, China and Paraguay.
- Hosted orders are deployed turnkey; OneMiners racks, connects and monitors the miner.
- Hydro-cooled units need sites with a liquid-cooling loop. Ask sales which locations currently accept the Teraflux AH3880.

Current prices and locations: oneminers.com/pages/hosting-centers.

9.2 Warranty

HOSTED WITH ONEMINERS

7-year full warranty for miners hosted in the USA, Dubai, Norway, Finland, Ethiopia, Nigeria and China.

- Free on-site repairs
- No-cost replacement of power supplies and cables
- No labour or diagnostic fees

SHIPPED TO YOU

Standard 12-month warranty, unless the manufacturer specifies otherwise.

- Free repair of manufacturing defects
- Replacement of defective units when necessary
- Valid only when the miner is operated according to official instructions

All customers during warranty

Remote diagnostics, real-time monitoring, 24/7 technical support, and firmware upgrades and maintenance.

Exclusions

The warranty may be voided by damage from misuse, unauthorised modifications or non-compliant operation. For the Teraflux AH3880, this includes damage from incorrect voltage, coolant outside the loop design, condensation, loose connectors, unofficial firmware, or opening the unit.

Out of warranty

Repairs typically cost **US$80–220**, depending on the fault and parts required.

Making a claim

Contact OneMiners support with your miner's hosting details and service ID through oneminers.com/pages/contact or **service@oneminers.com**.

ONEMINERS OneMiners Warranty Policy, oneminers.com/pages/warranty-policy . The policy page prevails if it differs from this summary.

10 CHAPTER Wallet and Mining Rewards

Rewards from a hosted miner are credited to your OneMiners wallet, where you can withdraw them or exchange between currencies.

10.1 Automatic mining balance

- The miner starts generating rewards as soon as it is installed and activated.
- If no energy payment has been preloaded, mining continues and energy costs and fees are deducted automatically from the rewards.
- If funds are preloaded in advance, earnings are credited without automatic deductions.
- You can change your payout wallet address in the wallet settings.

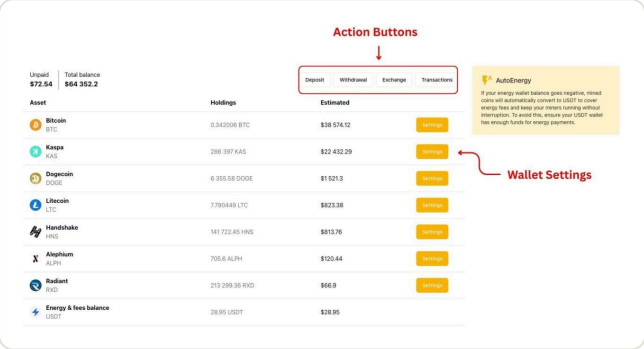


Figure 10-1 Wallet section.

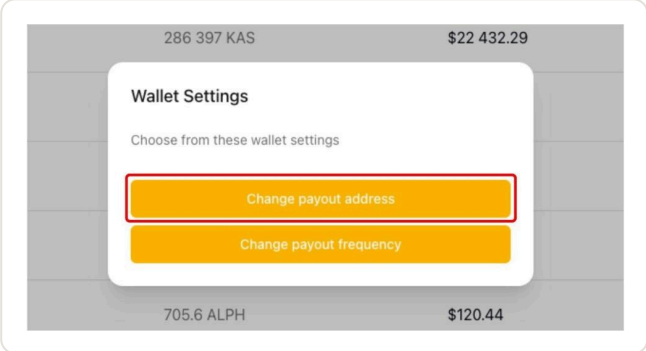


Figure 10-2 Changing the payout address.

10.2 Withdrawals

1. Go to **Wallet** › **Withdrawal**.
2. Add a crypto wallet address or a bank account.
3. Select the currency, enter the amount and confirm.

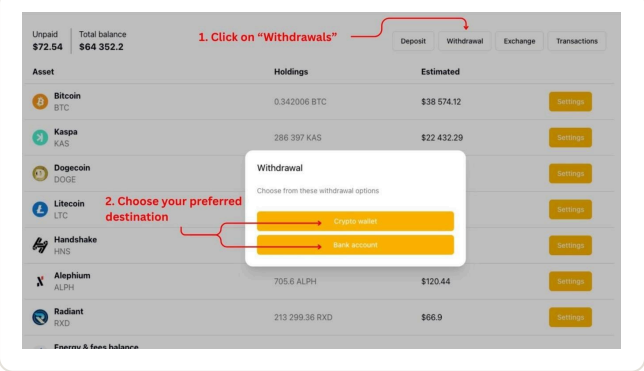


Figure 10-3 Choosing a withdrawal destination.

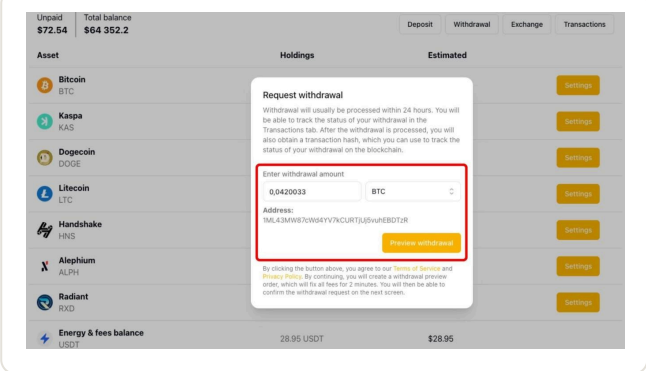


Figure 10-4 Choosing currency and amount.

10.3 Exchange

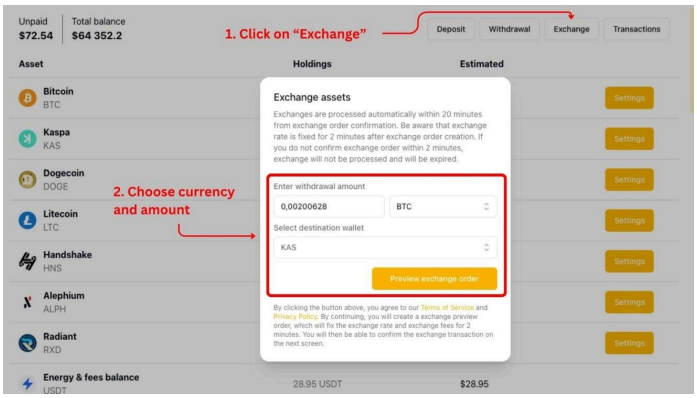


Figure 10-5 Exchanging currencies.

1. Go to **Wallet** › **Exchange**.
2. Select the currencies to exchange. You can also convert directly into **Energy & Fees** funds to keep the miner running.
3. Enter the amount and confirm.

> **BEFORE YOU WITHDRAW**
> Double-check addresses and networks. Crypto transfers to a wrong address usually can't be reversed. Keep enough Energy & Fees balance to avoid deductions from your rewards.

ONEMINERS OneMiners platform v1.2.

CHAPTER 11

Additional OneMiners Features

Optional tools in your OneMiners account. Availability and settings can change; check your dashboard for what is active on your account.

11.1 AI Smart Mining

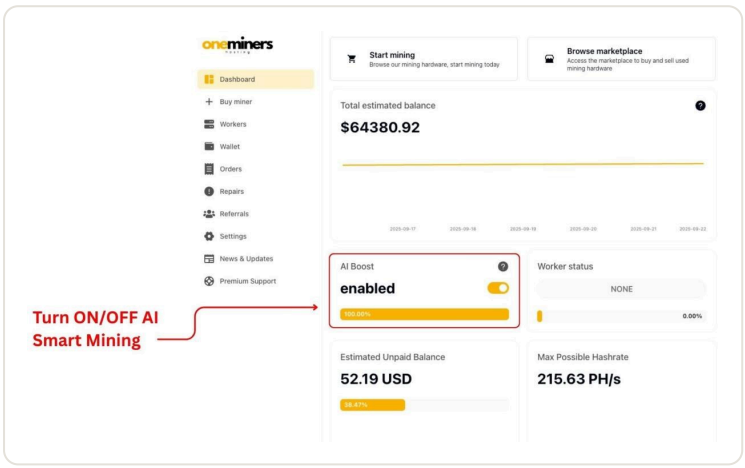


Figure 11-1 AI Boost toggle on the dashboard (platform v1.2).

AI Smart Mining analyses market conditions and pool performance and can switch your miner to the pools it calculates are most profitable.

- Turn it on or off with the **AI Boost** toggle on your dashboard.
- Your hardware keeps mining to your own account and wallet.

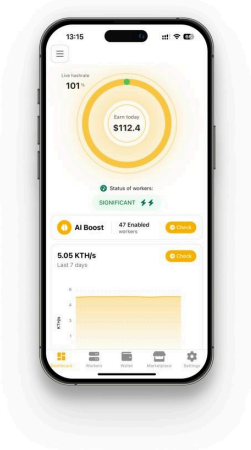
Results depend on hardware and market conditions and aren't guaranteed. More information: oneminers.com/pages/ai-smart-mining.

11.2 OneMiners mobile app

Monitor and manage your miners from your phone: start and stop miners, view hashrate, power use and hardware status, and manage balances and withdrawals. The app is built on the CircleHash white-label hosting platform and is free.

App Store

Google Play



11.3 Profitability tools

Mining income from the Teraflux AH3880 depends on the BTC price, network difficulty, transaction fees and your electricity cost, all of which change daily. For current estimates, use the live tools rather than figures printed in a manual:

- Miner profitability table: oneminers.com/pages/miner-profitability
- Bitcoin miners collection: oneminers.com/collections/bitcoin-miners

For the Teraflux AH3880, use 600 TH/s and 8,700 W with your own price per kWh. Estimates aren't financial advice.

12 CHAPTER Official Resources and Support

12.1 Resources

AURADINE
Official site
www.auradine.com

ONEMINERS
Manuals & Firmware Library
oneminers.com/pages/manuals-and-firmware

ONEMINERS
Product page
oneminers.com/products/auradine-teraflux-ah3880-600-th-s

ONEMINERS
Warranty policy
oneminers.com/pages/warranty-policy

ONEMINERS
Hosting locations
oneminers.com/pages/hosting-centers

12.2 Contact OneMiners

SUPPORT, 24/7

+1 305 867 6143

WhatsApp

+1 607 9009 004 · Sales, USA

service@oneminers.com · Service and repairs
sales@oneminers.com · Sales
payinquire@oneminers.com · Payments

Telegram: t.me/oneminers_hosting

ADDRESS

CIRCLEHASH LLC
701 Tillery Street
Austin, Texas 78702, USA

Contact page

Manuals library

12.3 Sources used for this version

1. D-Central, Auradine Teraflux AH3880 reference page (Auradine May 2025 sheet): modes, input, current, cable, inlet, flow, size, weight, FluxOS.
2. OneMiners product page and "Auradine Teraflux AH3880 review – 600 TH/s" (8 Sep 2026).
3. D-Central, Auradine Teraflux AH3880 reference page (FluxOS 3.0.1 on Auradine's portal); Auradine setup documentation **Needs verification**.
4. OneMiners: product page, Warranty Policy, hosting pages, AI Smart Mining page, Media Kit, site contact details. All checked 7 November 2026.

12.4 Revision history

VERSION	DATE	CHANGES
V1.0	Nov 2026	First edition on the OneMiners media-kit template: manufacturer specifications with conflicts listed in 1.4, safety, installation, setup, pools, monitoring, firmware, maintenance and troubleshooting. Current warranty, hosting and contact details.