GAEA Node Frequently Asked Questions (FAQ)

1. What is a GAEA Node?

The GAEA Node is a high-performance wearable device equipped with computing power and biometric sensors. It acts as a physical node in the GAEA network, collecting emotional and physiological signals to contribute real-world data for training emotional AI models—and earning rewards through the DePIN network.

---

2. What are the core features of the GAEA Node Watch?

- **Emotional Data Collection:** Monitors heart rate, electrodermal activity (EDA), sleep, and emotional states
- **On-Chain Signature Node:** Each device is registered as a node capable of signing tasks and uploading data
- **Privacy-Protected Uploads:** Emotional summaries (not raw signals) are locally encrypted and uploaded using ZK-Proofs
- **Built-in AI Module:** Performs local emotional analysis and preprocessing on the edge

---

3. Do I need technical skills to run a node?

No. The GAEA wearable device is designed to be **plug-and-play**. Simply power it on and link your wallet. All backend processes such as data sync, task assignment, and on-chain interactions happen automatically.

---

4. What rewards can I earn by running a node?

As a contributor of emotional data and a network node, you can earn:

- **Soul Points:** Reputation tokens for emotional contributions, redeemable for GAEA Tokens
- **GAEA Tokens:** Usable for governance, NFT exchanges, and AI training task rewards
- **Exclusive NFTs:** Commemorating your long-term contributions (on-chain proof)

- Priority Access: To future airdrops and hardware upgrades

---

5. How does GAEA protect my privacy?

We take user privacy seriously:

- Emotional/biometric data is collected **only with explicit user consent**
- All data is **encrypted locally**; only anonymized summaries are uploaded
- Our processes comply with **GDPR, CCPA, and decentralized privacy protocols**
- Users can delete or export their data anytime via the app or GAEA Data

---

6. Does the node need to stay online constantly?

No. The device can operate in **offline mode** to collect data and will automatically upload in batches once reconnected. However, for task mining and real-time interactions, a stable connection is recommended for optimal rewards.

---

7. What ecosystems does the GAEA Watch integrate with?

- Seamless integration with **GAEA App** and **Soul NFT System**
- Compatible with **Bluetooth headphones, smartphones, and Web3 wallets**
- Future support for **HealthKit / Google Fit / IPFS data sync**
- **SDK available** for developers to build AI applications on the node

---

8. Does device performance affect node rewards?

Yes. While all watches support basic node functions, device performance (e.g., sensor accuracy, processing power) affects:

- **Data quality score** (weighted for AI training)
- **Priority in federated learning task assignments**
- **Reward tiers** (e.g., higher Soul Scores yield greater rewards)

---

9. How can I purchase a GAEA Node device?

Sales will be launched via our official website aigaea.net. The first batch will be limited in quantity and support:

- **Crypto payments** (USDT / ETH)
- **NFT-linked presales** (for OG users)
- **Community contributor whitelist access**

---

10. What happens if the device is lost or damaged?

- **Private keys and wallet data** are owned by the user; the device acts only as a data gateway
- You can **recover your identity and data** using your wallet

We provide **cold backup and identity migration tools** to protect your on-chain rights

---

For node presales, technical trials, or developer program inquiries, visit:
https://aigaea.net or email us at crius@aigaea.net