

IN DEVELOPMENT

SAIOS CUBE

Plug in. Configure. Sync. Operate.

A modern, deployable SAIOS node designed to make a governed local operating environment repeatable across locations.



DOWNLOAD CONCEPT BRIEF



COLLABORATE WITH US

AT A GLANCE



ALL-IN-ONE
APPLIANCE



CLOUD
SYNC



SECURE BY
DESIGN



SCALABLE
EVERYWHERE



SERVICEABLE
& MODULAR

WHAT IS THE SAIOS CUBE?

A portable AI operating node that brings the SAIOS environment to any location. Each Cube is fully integrated with cloud sync, governed services, and built-in controls for secure, offline-first operation.

WHO IT IS FOR

- Studios, offices, and field locations
- Research & development teams
- Edge AI deployments
- Content creation environments
- Anywhere governed processing is needed

KEY CAPABILITIES

- Runs SAIOS applications and services locally
- Syncs projects, data, and models with the cloud
- Hardware-secure and always up to date
- Offline or online with private control
- Focused AI compute for trusted workloads
- Modular, serviceable, and upgradeable
- Operate securely with or without connectivity

TECHNICAL HIGHLIGHTS



Apple silicon
(M4 / M5 ready)
High performance,
low power



Up to 64GB
unified memory
(configurable)



Fast SSD storage
(configurable)
NVMe



Wi-Fi 6E + 2.5GbE
internal networking



Writeable USB-C / USB-A /
HDMI ports
Local I/O for any workflow



Local services + cloud
orchestration
Built for governed
operations



Remote management
& OTA updates
Always current



Low power. High
reliability.
Designed for 24/7

REAR CONNECTIVITY (CONCEPT)



- Power Input
(AC)
- Thunderbolt 4 / 5
(3x)
- HDMI
- 2.5 GbE Ethernet
- 2x USB-A 3.2
- Service / Expansion
(Reserved)

MODULAR ARCHITECTURE (CONCEPT)



- Ventilated Top Panel
- Cooling System
(Active)
- Apple Mac mini
(M4 / M5)
- Dual Raspberry Pi 5
Compute Modules
- NVMe Base Duo
(HAT) - Each Pi
- Up to 4x NVMe SSDs
Total (2 per Pi)
- Internal Power &
Management
- Ventilated Base Panel

MODULAR INSERTION (CONCEPT)



- Mac mini
Slide-In Tray
- Pi Compute
Module Tray
- Pi Compute
Module Tray 2

PLUG-AND-PLAY EXPERIENCE

- 1 Plug in
Power on
the Cube
- 2 Connect to
network
(ethernet or Wi-Fi)
- 3 Open web
portal
- 4 Authenticate
with SAIOS
- 5 Configure
node profile
- 6 Sync approved
services
- 7 Cube registers
and is ready
- 8 You're online.
You're ready.



DESIGNED FOR TRUST

Zero-trust architecture. Encrypted by default. Verified boot.
Every Cube is a known, trusted node in the SAIOS ecosystem.

DEVELOPMENT STATUS

SAIOS Cube is currently in development. Hardware, software, and features are subject to change.
Planned pilot deployments coming soon.

COLLABORATE WITH US

We are seeking design partners, pilot sites, and early collaborators to shape the future of governed local AI infrastructure.

LET'S BUILD THE FUTURE

DESIGN PHILOSOPHY



MINIMAL



TIMELESS



ONE NODE



CLOUD SYNC



MANY LOCATIONS

DEPLOYABLE. DUPLICABLE. SCALABLE.

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EARLY CONCEPT STUDY



Early SAIOS Cube concept poster (overview reference).

BUILT TO BE SEEN. BUILT TO BE TRUSTED. BUILT TO BE DEPLOYED EVERYWHERE.