

Ro&Bot(TM) - AI Server Configuration Document

Company: Royal Botics

AI System: SamanthAI

Date: July 22, 2025

Server Overview

This high-performance server is engineered to support SamanthAI, the proprietary artificial intelligence developed by Royal Botics under the Ro&Bot(TM) brand. It is optimized for AI training, inference, and model experimentation.

Hardware Specifications

- RAM: 32 GB DDR4
- Processors: 2x 8-Core CPUs (16 cores total)
- VRAM: 20 GB
- Storage: 3 TB SSD
- Network: No external or internal network interfaces

Software Stack

- Operating System: [Please specify, e.g., Ubuntu Server, Windows Server, etc.]
- AI Engine: SamanthAI
- Frameworks: [Optional: e.g., PyTorch, TensorFlow, etc.]
- Virtualization/Containers: [Optional: Docker, none, etc.]

Security Features

- Fully air-gapped (no network connectivity) (Might be upgraded to API access)
- Local authentication only (If API so API keys)
- [Other security measures if applicable]

Redundancy & Backup

- Manual backup system via external drives
- No remote sync due to isolated environment
- [Optional: RAID or backup schedule if applicable]

If server fails backup server may be deployed

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Deployment Role

Primary Functions:

- Run SamanthAI's training and inference workloads
- Perform intensive AI computation and storage
- Maintain model logs and training history

Brand Identity

Ro&Bot(TM) (flagship AI product line)

Operated and maintained by Royal Botics