ASRock Industrial

COCREATE AN INTELLIGENT WORLD

# AI BOX-A395 × AiKMSpark

An Out-of-the-Box Enterprise AI Knowledge Base




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THE HARDWARE

# The Box Built for AiKMSpark



## AI BOX-A395 + AiKMSpark

AiKMSpark runs only on AI BOX-A395. 128GB unified memory and ~256 GB/s bandwidth; one unit runs gpt-oss-120b at ~51 tokens/s. Supports Windows 10/11 and Ubuntu.

**AMD Ryzen™ AI Max+ 395**

**Up to 126 AI TOPS**

**128GB Unified Memory**

| Model | Developer |
|---|---|
| **Gemma 4 26B, 31B** | Google |
| **gpt-oss-120B, 20B** | OpenAI |
| **Ornith-1.5-35B-A3B** | DeepReinforce |
| **Qwen3.5-122B** | Alibaba Qwen |
| **Muse Glimmer 30B** | Meta |

- Runs 100B+ models -

PRODUCT FEATURES

# An AI Box Made for the Office

Four engineering details that let it leave the server room.

## Six-Heat-Pipe Cooling

A copper base and six heat pipes move heat fast; matched fins and fan create high-pressure airflow.

## 32.5 dB Quiet

Quieter than a library; the fan spins up only when needed. Fits on a desk in an office, clinic or meeting room.

## Grab and Go

A built-in handle and sturdy chassis: move it to the factory floor or a customer demo without taking it apart.

## Two M.2 Slots

Dual M.2 Key M (PCIe Gen4) for RAID 0/1, or one SSD plus one AI accelerator.



**232 × 200 × 100 mm**

*Operating temp 0–40 °C · Windows 10/11 and Linux · Barebone design.*

ASRock Industrial

THE CUSTOMER'S SITUATION

# Three Things Stall AI Projects

What stops most companies isn't model capability. It's "can our documents go to the cloud?" and "what will this actually cost?"

## Cloud Is Off-Limits

Customer lists, specs, quotes and internal rules are usually under NDA or internal controls. Sending them to an outside AI service hands the most sensitive data to a third party, and security or legal review often says no.

## Unpredictable Costs

Cloud AI bills by usage: more documents and questions mean bigger bills, every month. The amount depends on how staff use it, so there's no firm number for the budget, and finance struggles to approve it.

## Scarce AI Talent

Even after buying a machine, someone must pick a framework and models, quantize, build RAG and load documents. Most companies lack those skills, so the machine sits idle. This labor is often missing from TCO.

# Our Answer for Edge AI

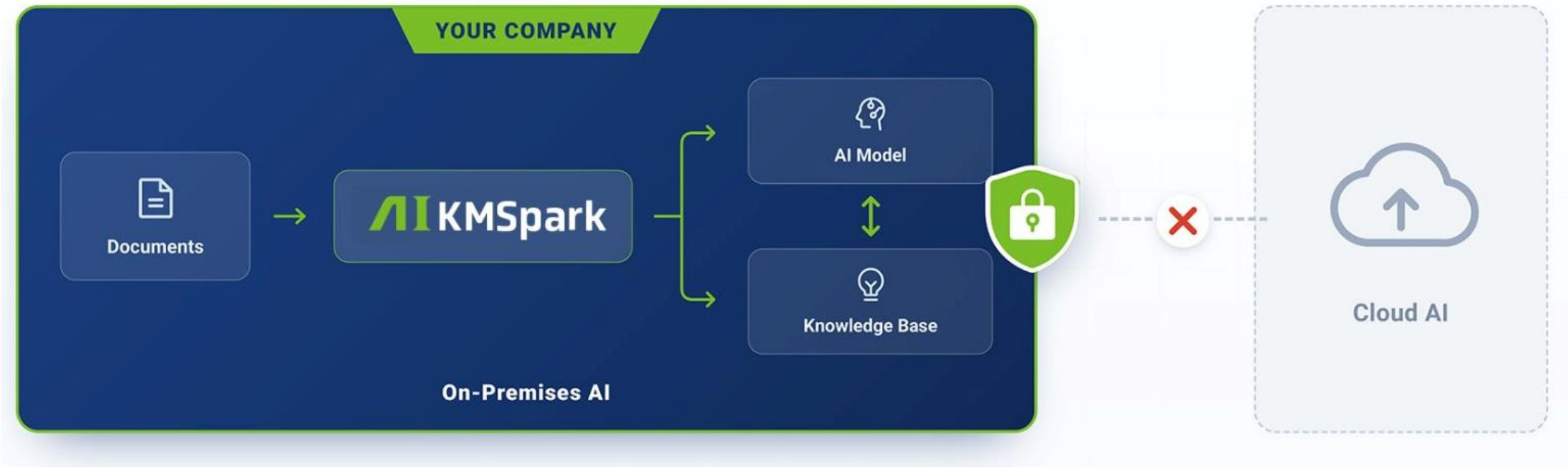
AI BOX-A395 + AiKMSpark turns scattered company documents into knowledge you can find and use, on-premises.




**Bundled with AI BOX-A395, no extra license, kept updated by ASRock Industrial. (Windows 10/11, Ubuntu 24.04 / 26.04)**

EDGE AI

# Our Answer for Edge AI




## Data Stays In

Documents, knowledge and accounts stay on the customer's own box and network. Nothing goes to a third party.

## Local Models

Models run on the AI BOX, fully offline. It keeps working through internet or cloud outages.

## Easy to Deploy

No new power wiring, no noisy fans. AI you can deploy anywhere.

WHY OUT OF THE BOX

# The Costs We Cover for You

On-prem AI has real hidden costs. With AI BOX-A395 + AiKMSpark, we've already covered them.

| | Build it yourself | AI BOX-A395 + AiKMSpark |
|---|---|---|
| **Hardware** | High-end GPU workstation, a large upfront spend | **One compact box at a fraction of the price** |
| **Framework, models, knowledge base app** | Months of AI engineering work | **Covered: validated stack, model list, AiKMSpark** |
| **Upkeep (drivers, models, app)** | Ongoing engineer time, every year | **Covered: updates from ASRock Industrial** |
| **Time to first answers** | Months | **Days, once documents are ready** |
| **Who carries the cost** | The customer, up front and every year | **Already covered by ASRock Industrial** |

Indicative comparison. Actual effort and cost vary by customer and project scope.

USE CASES

# Where AiKMSpark Fits



"What does this regulation require?"

## Compliance

Regulations, standards, policies and audit records become knowledge pages linked to internal rules. Answers cite the source clause by clause.



"Compare these three reports."

## Research & Analysis

Annual, financial and research reports are read in full, with companies, products and key figures extracted. Get comparison tables exported to Word or PDF.



"How did we fix this before?"

## Technical Support

Repair logs, FA reports, FAQs and emails are batch-imported and duplicates merged. Front-line staff ask and get similar cases with their fixes.



"Which product fits this need?"

## Product & Sales

Hundreds of datasheets become one page per product with specs extracted. Filter models by requirement and send customers a comparison table.

TARGET CUSTOMERS

# Who to Sell To

## "Does your company have rules about which data can't go to outside services?"

Most companies have no written rule, but everyone has an answer in mind. That pause is your opening.

### Manufacturing

R&D and QA

- Specs, failure analysis
- Drawings, process logs

### Hospitals

IT department

- Medical records
- Policies and SOPs

### Schools & Research

Departments, labs

- Papers, course materials
- Lab data, proposals

### Professional Firms

Legal / accounting / patent

- Contracts, rulings, guidance
- Client case files

### Design Services

Bound by client NDAs

- Designs, dev documents
- Data must stay in-house

*SMB or AI POC Pilot or  Department level AI server.  Office with10- 20 ppls (with concurrent  2-4 AI users)*

THE VETERAN'S NEW ROLE

# One Knowledge for two kind of Users

AiKMSpark turns company know-how into knowledge people can read and AI agents can use.

## For People

- Ask in plain language to find past cases
- Understand products and repair know-how fast
- Support daily work and troubleshooting

## For AI Agents

- Draw on the company's expertise
- Power follow-up tasks and workflows
- Connect to in-house systems (OpenAI-compatible SDK)

## Senior Engineers: From Problem Solver to Reviewer

- Check what AI compiled, fix errors and add their view
- Guard technical quality and accuracy
- Feed reviewed knowledge back into the knowledge base

*Your line: AI doesn't replace your engineers. It passes experience on and amplifies expertise.*

HOW IT WORKS

# A Knowledge Base in Three Steps

Install, open a browser and start.

## 1 Import

Drag in whole folders. Scans get OCR; duplicates are flagged.

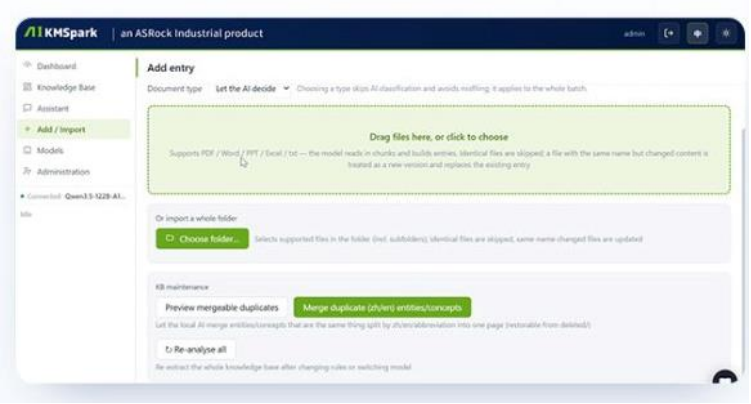
**PDF / Word / Excel / PowerPoint / TXT**

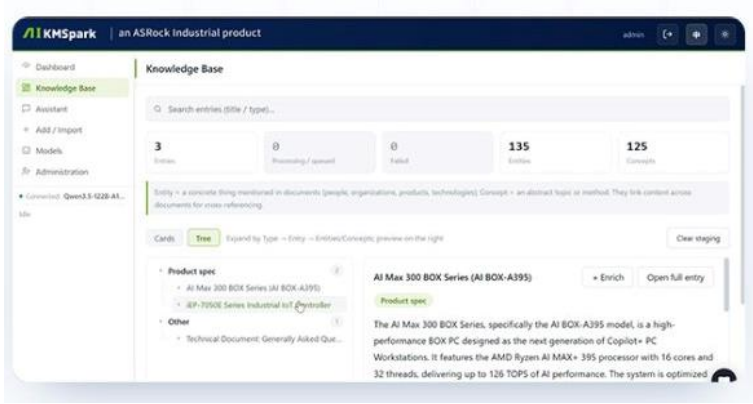
## 2 Auto-Organize

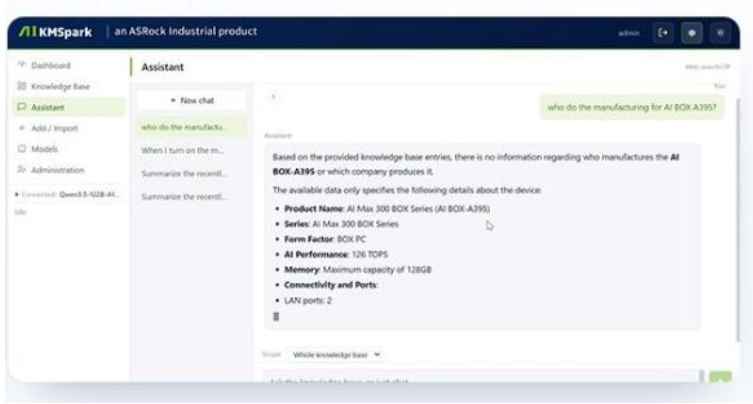
Reads long files in sections, classifies them, extracts key points and links entries.

## 3 Ask & Use

Ask in plain language. Answers link to sources; it can also write reports.



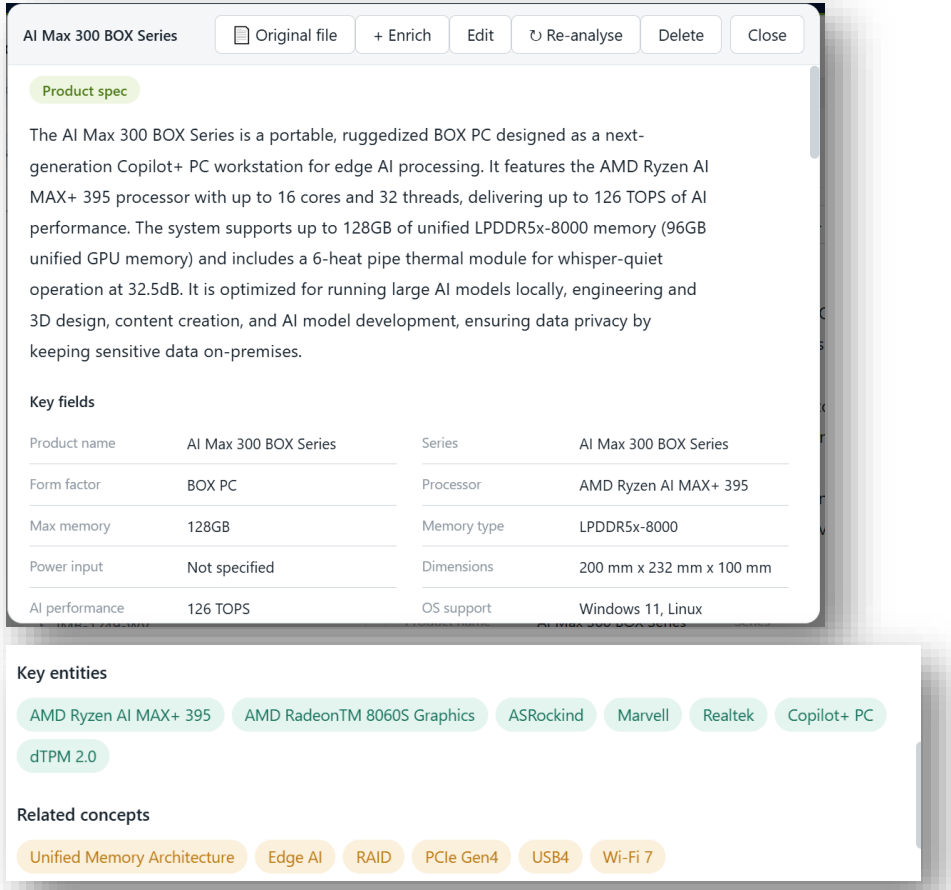




Actual product screens

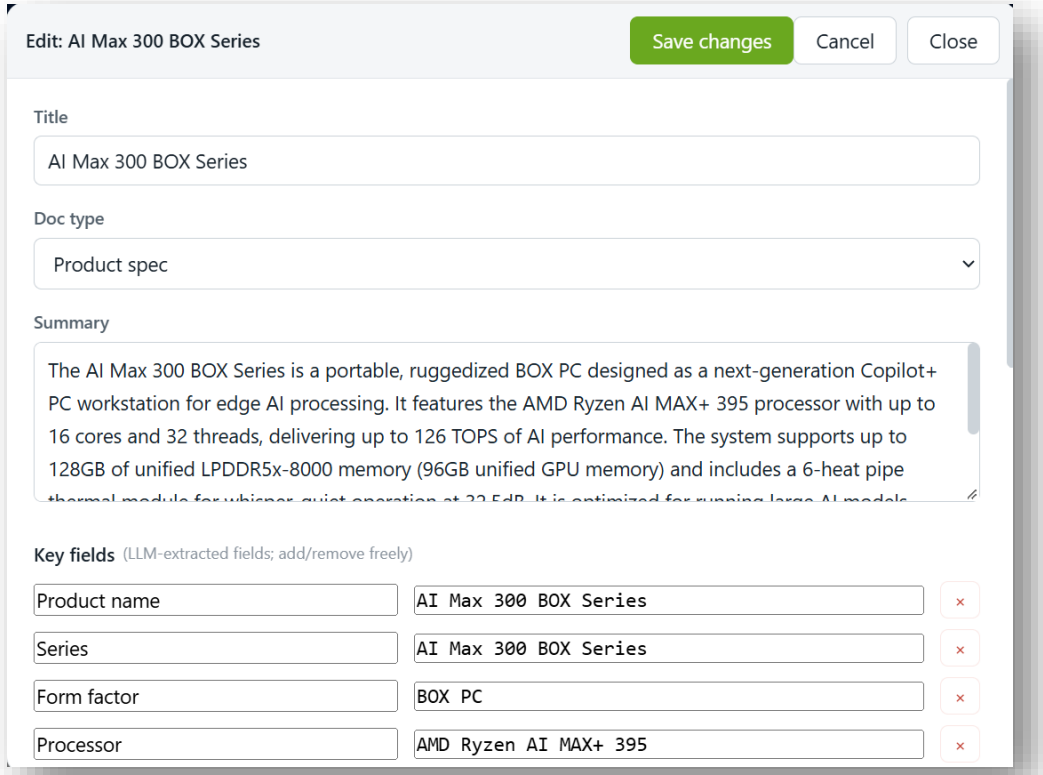
HOW IT WORKS

# Browse and Edit the Knowledge Base

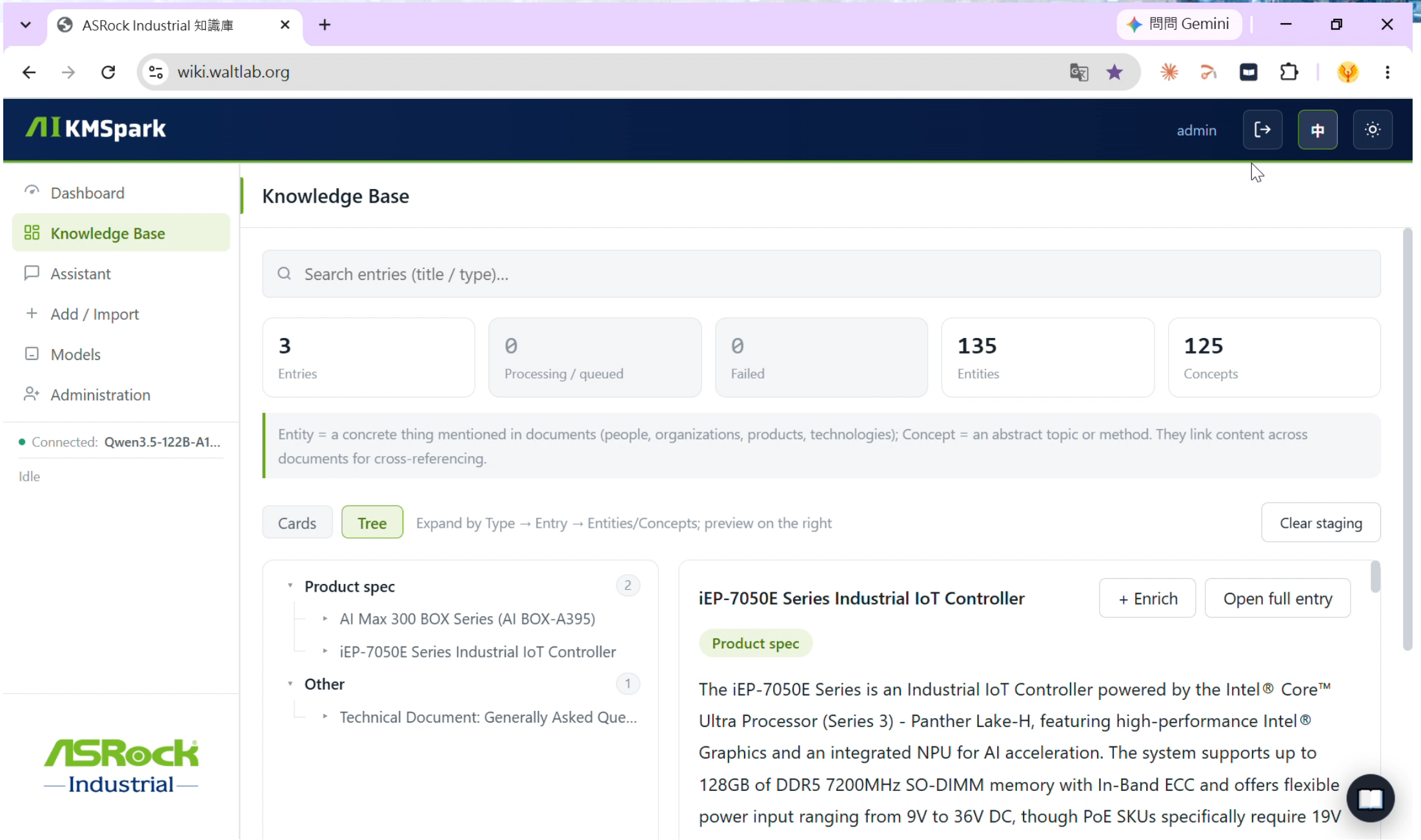
## Browse the knowledge base



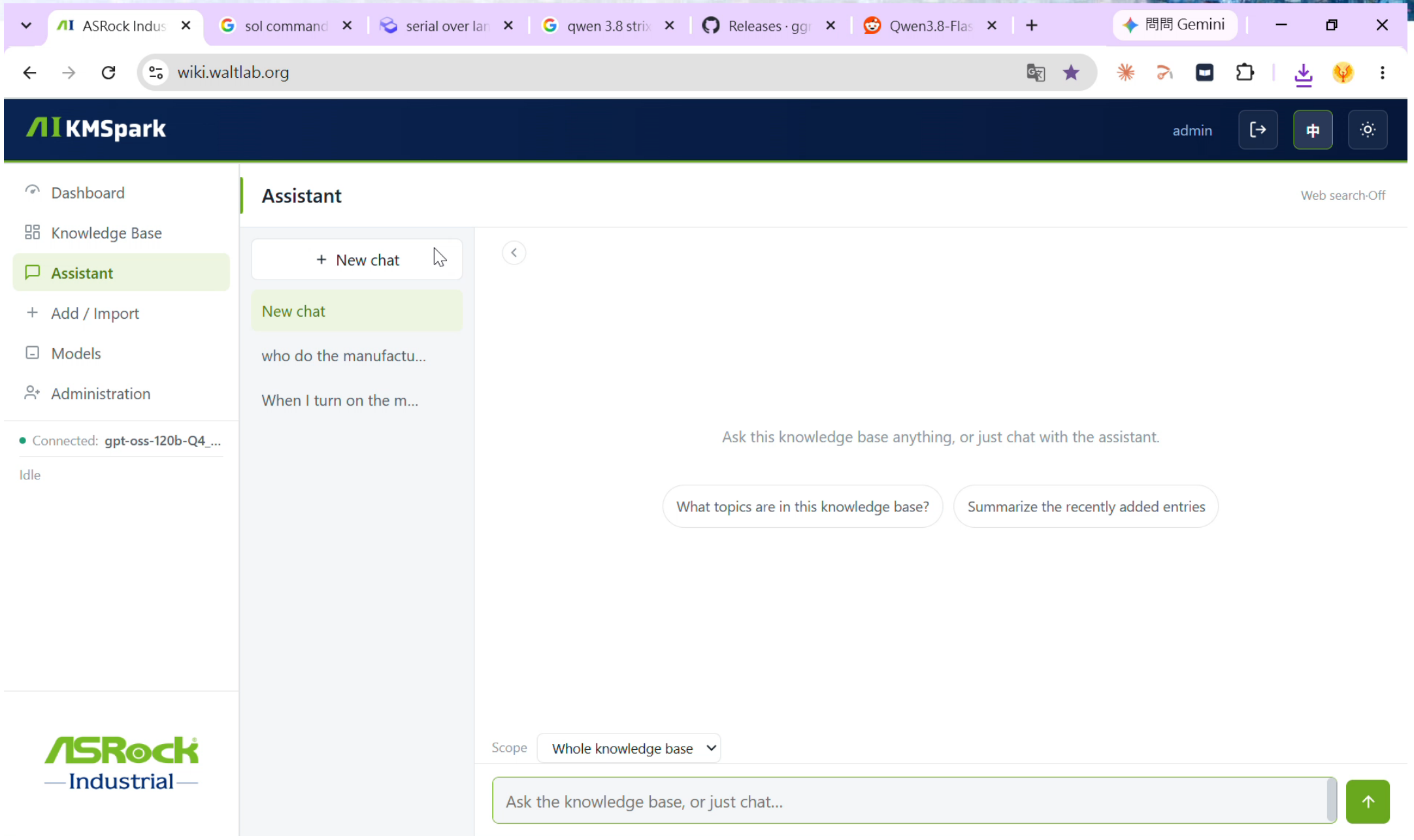

## Review, add or edit content



# Demo: Auto-built knowledge base and tags



# Demo: Ask questions  get reports



# Turn Stored Data into Usable Knowledge

Your own knowledge base, from documents to answers, in one place

Try AiKMSpark

Learn more | https://www.asrockind.com/AiKMSpark · Evaluation units and quotes: your ASRock Industrial distributor



+ AI KMSpark