



ICT Training Center

Il tuo partner per la Formazione e la Trasformazione digitale della tua azienda



Note

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

SPRING AI

GENERATIVE ARTIFICIAL INTELLIGENCE CON JAVA

Simone Scannapieco

Corso avanzato per Venis S.p.A, Venezia, Italia

Novembre 2025

Note

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page, providing a template for writing or drawing. There are no margins, text, or other markings on the paper.



This image shows a single page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, leaving small margins at the top and bottom. There are no vertical margin lines, and the page is completely blank except for the lines themselves.

-  Simone Scannapieco

Note

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This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

```
docker model pull ai/gemma3
```

```
docker model run ai/gemma3
```

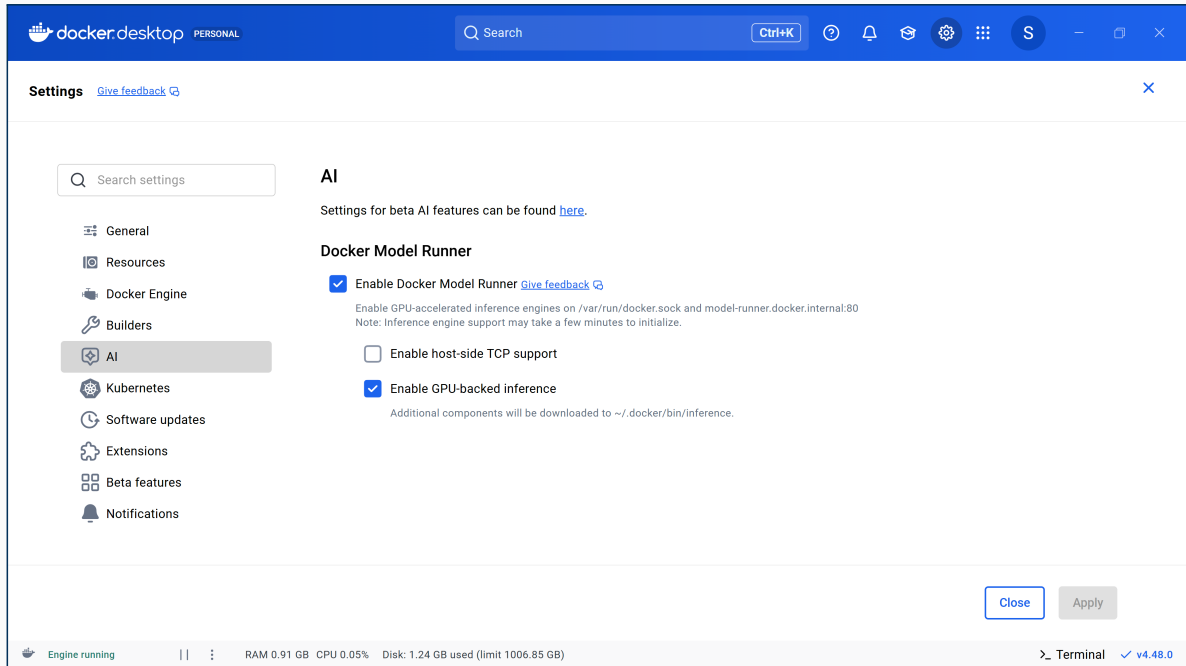
```
docker model list
```

```
docker model rm ai/gemma3
```

Note

[illegible]

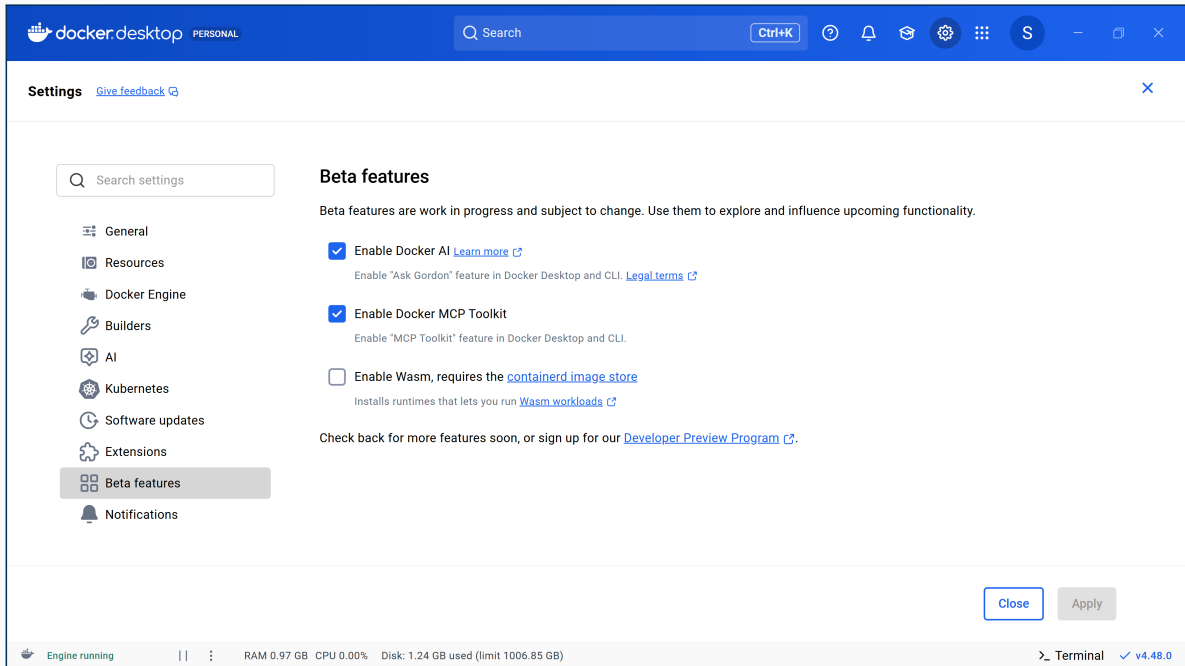
1 Verificare le impostazioni relative ad AI



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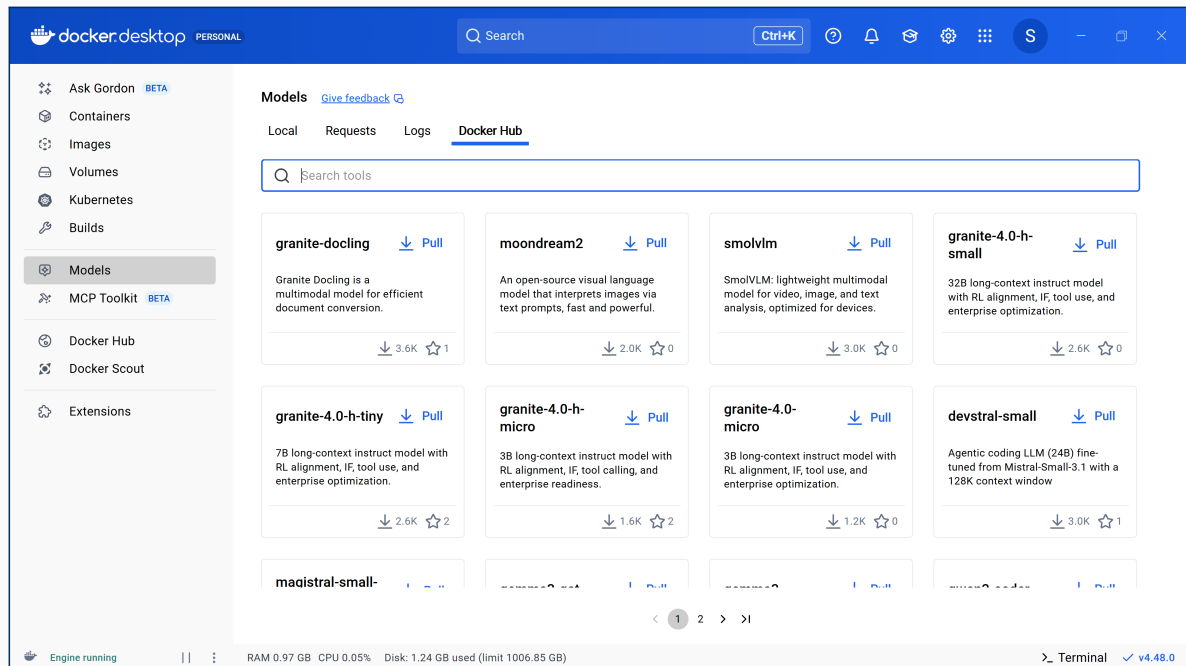
2



Note

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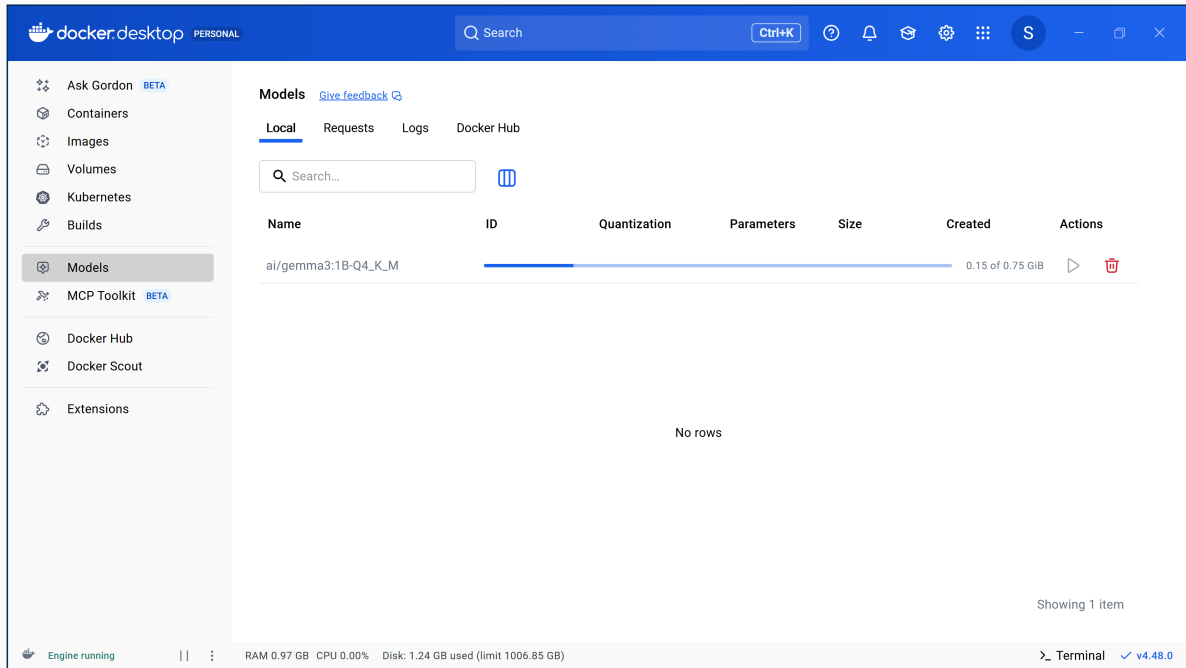
3 Accedere al pannello Docker Hub della sezione Models



Note

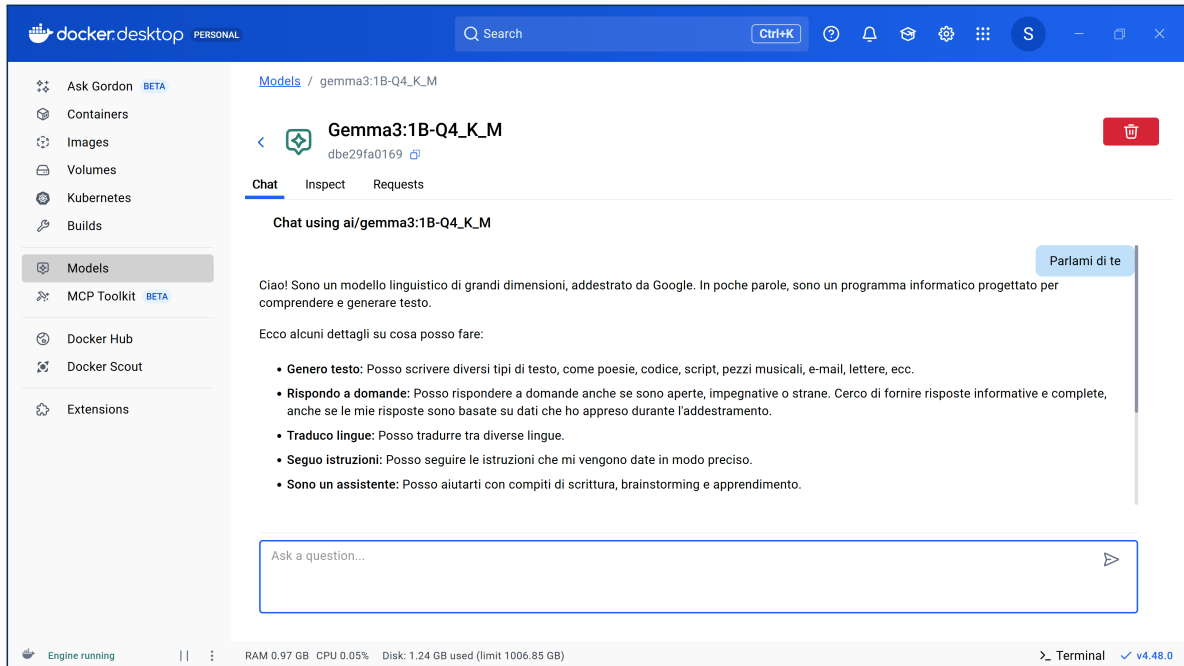
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4



This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slight shadow on the right side, suggesting it's resting on a surface. There is no handwriting or other markings on the paper.

5



Note

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➡ Come fosse un servizio OpenAI!

File pom.xml

```
...
<dependencies>
  <dependency>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-web</artifactId>
  </dependency>
  <dependency>
    <groupId>org.springframework.ai</groupId>
    <artifactId>spring-ai-starter-model-openai</artifactId>
  </dependency>
...

```

File application.yml

```
spring:
  application:
    name: demo
  ai:
    openai:
      api-key: pippoplutopaperino
      base-url: http://localhost:12434/engines
      chat:
        options:
          model: ai/gemma3
```

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