

ICS 35.240
CCS L 70



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/Z 246-2026

**Artificial intelligence - General technical requirements for the
computing platform
(English Translation)**

Issued on: August 27, 2026

Implemented on: January 1, 1800

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

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Foreword

This document is a standard or guiding technical document.

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1.Structure and Drafting Rules of Standardization Documents".

Drafting.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the National Information Technology Standardization Committee (SAC/TC28).

1 Scope

This document establishes the technical framework for artificial intelligence computing power platforms and specifies the general technical requirements for the platforms, including the computing power foundation layer and platform services.

The system is divided into a service layer, a model enablement layer, and an industry application layer, and the general technical requirements for each layer are specified.

This document is applicable to guiding the construction and sharing of computing power platforms when artificial intelligence empowers industries.

2 Normative references

This document has no normative references.

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1

model

An abstract representation of a system, process, phenomenon, or object, which can be used for description, simulation, prediction, or decision-making.

3.2

inference

Reasoning methods that derive conclusions from known premises.

[Source: GB/T 5271.28-2001, 28.03.01]

3.3

Supporting the research, training, inference, and application of artificial intelligence, and realizing the convergence, scheduling, and sharing of resources such as computing power, data, models, and applications.

Computing service platform.

3.4

agent

In the field of artificial intelligence, it can interact with its environment, perceive the environment, process information, make decisions and take actions, and adjust its own parameters or...

A computer program or system that implements strategies to learn, optimize, and take action.

4 Abbreviations

The following abbreviations apply to this document.

AI4S. Artificial Intelligence for Science

CV. Computer Vision

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