

ModelArts

Service Bulletin

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1 ModelArts Product Release Notices

This document describes ModelArts lifecycle bulletins. For more service bulletins, see [Public Notices](#).

June 2025

Table 1-1 Notices

N o.	Title	Type	Released On
2	ModelArts Development & Production (Data Preparation) and Asset Management (Datasets) Will Be Taken Offline on December 31, 2025 00:00:00 (GMT+08:00)	Offline notice	June 10, 2025

April 2025

Table 1-2 Product offline notices

N o.	Title	Type	Released On
1	Old-Version Inference Service of Huawei Cloud ModelArts Will Be Taken Offline on October 22, 2025 00:00 (GMT+08:00)	Offline notice	April 22, 2025

2024

Table 1-3 Product offline notices

N o.	Title	Type	Released On
1	ModelArts ExeML Discontinued as of May 23, 2025 00:00 (GMT+08:00)	Offline notice	November 21, 2024
2	ModelArts ExeML (Text Classification) Discontinued as of December 9, 2024 00:00 (GMT+08:00)	Offline notice	June 5, 2024

2 ModelArts Release Notes

2.1 ModelArts Version Mapping

ModelArts 7.2.0 has been released in all regions of Huawei Cloud international website. The following table lists the versions of components required for ModelArts 7.2.0 to support Ascend Snt9b and Snt9b23 compute resources.

ModelArts Lite Server Version Mapping

Table 2-1 ModelArts Lite Server component mapping

Strong Dependency Component	Ascend Snt9B Version Mapping	Ascend Snt9B23 Version Mapping
Lite Server OS	HCE 2.0 (recommended)/Ubuntu 22.04	HCE 2.0 (recommended)
NPU firmware & driver	7.5.0.5.220-24.1.0.3 (recommended) 7.1.0.9.220-23.0.6	7.5.0.108.220-24.1.rc3.9 (recommended) 7.5.0.107.221-24.1.rc3.7
NPU CANN	8.0.1 (recommended) 7.0.1.5	8.1.rc2 (recommended) 8.0.RC3
CES Agent	2.7.6.6	2.7.6.6

ModelArts Lite Cluster Version Mapping

Table 2-2 ModelArts Lite Cluster component mapping

Strong Dependency Component	Ascend Snt9B Version Mapping	Ascend Snt9B23 Version Mapping
CCE	1.31 (recommended)/ 1.28/1.25/1.23 (existing)	1.31 (recommended)/ 1.28/1.25/1.23 (existing)
Volcano plug-in	1.17.11	1.17.11
ModelArts Device-Plugin	7.2.0-20250712144431	7.2.0-20250712144431
huawei-npu	2.1.53	2.1.53
os-node-agent	7.2.0-20250715091122	7.2.0-20250715091122
Lite Cluster OS	HCE 2.0 (recommended)/EulerOS 2.10	HCE 2.0
NPU firmware & driver	7.5.0.5.220-24.1.0.3 (recommended) 7.1.0.9.220-23.0.6	7.5.0.108.220-24.1.rc3.9 (recommended) 7.5.0.107.221-24.1.rc3.7
SFS Turbo Client+	24.12.01 (restricted functions)	24.12.01 (restricted functions)
CES Agent	2.7.6.6	2.7.6.6

ModelArts Standard Version Mapping

Table 2-3 ModelArts Standard component mapping

Strong Dependency Component	Ascend Snt9B Version Mapping	Ascend Snt9B23 Version Mapping
CCE	1.31	1.31
Volcano plug-in	1.17.11	1.17.11
ModelArts Device-Plugin	7.2.0-20250712144431	7.2.0-20250712144431
os-node-agent	7.2.0-20250715091122	7.2.0-20250715091122
Standard Cluster OS	HCE 2.0 (recommended)/EulerOS 2.10	HCE 2.0

Strong Dependency Component	Ascend Snt9B Version Mapping	Ascend Snt9B23 Version Mapping
NPU firmware & driver	7.5.0.5.220-24.1.0.3 (recommended) 7.1.0.9.220-23.0.6	7.5.0.108.220-24.1.rc3.9 (recommended) 7.5.0.107.221-24.1.rc3.7
SFS Turbo Client+	24.12.01 (restricted functions)	24.12.01 (restricted functions)
CES Agent	2.7.6.6	2.7.6.6

2.2 ModelArts HDK Version Policy

ModelArts regularly updates the HDK kit (Ascend NPU) to enhance features, optimize performance, and fix issues, ultimately improving user experience and system stability. It is recommended that you upgrade the ModelArts HDK kit to the latest version periodically to access new functions, avoid vulnerabilities, and maintain service security and reliability.

The content in this chapter applies to ModelArts Standard, Lite Server, and Lite Cluster.

Table 2-4 Lifecycle of the ModelArts Lite Server HDK

PU Type	HDK Version	Status	Launch Time	EOS	Remarks
Snt9b	24.1.0.6	In commercial use	June 2025	June 2026	Compared with 24.1.0.3, only the driver and MCU are updated.
	24.1.0.3	In commercial use	May 2025	May 2026	-
	23.0.6	In commercial use	June 2024	June 2025	-
	23.0.5	EOS	March 2024	March 2025	-

PU Type	HDK Version	Status	Launch Time	EOS	Remarks
	23.0.3	EOS	January 2024	January 2025	There is a possibility that a time sequence problem occurs, causing job startup failures. The EOS date has been moved to December 2024. Upgrade the HDK to 24.1.0.3 or later as soon as possible.
	23.0.2	EOS	January 2024	January 2025	-
Snt9b23	24.1.RC3.6	In commercial use	June 2025	June 2026	-
	24.1.RC3.5	In commercial use	March 2025	March 2026	-
Snt3pr	24.1.0.3	In commercial use	May 2025	May 2026	-
	24.1.RC2.3	In commercial use	December 2024	December 2025	-
Snt3pd	24.1.RC2.3	In commercial use	June 2025	June 2026	-
	23.0.1	In commercial use	September 2024	September 2025	-
Snt9a	23.0.3	In commercial use	June 2024	June 2026	-

PU Type	HDK Version	Status	Launch Time	EOS	Remarks
	23.0.1	EOS	March 2023	March 2024	-

Table 2-5 Lifecycle of the ModelArts Lite Cluster/Standard Cluster HDK

CPU Architecture	Specifications Type	Specifications	Supported Cluster Type and Version	HDK Version	Current Driver Status	Launch Time	EOS
ARM 64	Ascend	Snt9b	ModelArts Lite Cluster dedicated resource pools: CCE standard clusters (v1.31, v1.28, v1.25, and v1.23) and CCE Turbo clusters (v1.31, v1.28, v1.25, and v1.23) are supported. ModelArts Standard dedicated resource pools: CCE standard clusters (v1.31, v1.28, and v1.23) are supported.	24.1.0.3	Default version	March 2025	March 2026
				24.1.rc3.1	Dedicated version for A2 CHIJ	June 2025	June 2026
				24.1.rc2.3	In commercial use	September 2024	September 2025
				23.0.7	In commercial use	June 2024	June 2025
				23.0.6	In commercial use	June 2024	June 2025
				23.0.5	EOS	March 2024	March 2025
				23.0.3	EOS	January 2024	January 2025
				23.0.2	EOS	January 2024	January 2025
				23.0.1	EOS	January 2024	January 2025

CPU Arch itect ure	Spe cifi cati ons Typ e	Spec ifica tion s	Supported Cluster Type and Version	HDK Version	Curren t Driver Status	Launch Time	EOS
ARM 64	Asc end	Snt9 b23	ModelArts Lite Cluster dedicated resource pools: CCE standard clusters (v1.31, v1.28, v1.25, and v1.23) and CCE Turbo clusters (v1.31, v1.28, v1.25, and v1.23) are supported. ModelArts Standard dedicated resource pools: CCE standard clusters (v1.31, v1.28, and v1.23) are supported.	24.1.RC3 .10	Default version	August 2025	August 2026
				24.1.RC3 .9	In comme rcial use	July 2025	July 2026
				24.1.RC3 .7	In comme rcial use	June 2025	June 2026
				24.1.RC3 .5	In comme rcial use	April 2025	April 2026
				24.1.RC3 .3	In comme rcial use	March 2025	March 2026

CPU Architecture	Specifications Type	Specifications	Supported Cluster Type and Version	HDK Version	Current Driver Status	Launch Time	EOS
x86	Ascend	Snt3PR	ModelArts Lite Cluster dedicated resource pools: CCE standard clusters (v1.31, v1.28, v1.25, and v1.23) and CCE Turbo clusters (v1.31, v1.28, v1.25, and v1.23) are supported. ModelArts Standard dedicated resource pools: CCE standard clusters (v1.31, v1.28, and v1.23) are supported.	24.1.0.1	Default version	May 2025	May 2026
				24.1.RC2.3	In commercial use	August 2024	August 2025

CPU Arch itect ure	Spe cifi cati ons Typ e	Spec ifica tion s	Supported Cluster Type and Version	HDK Version	Curren t Driver Status	Launch Time	EOS
ARM 64	Asc end	Snt3 PD	ModelArts Lite Cluster dedicated resource pools: CCE standard clusters (v1.31, v1.28, v1.25, and v1.23) and CCE Turbo clusters (v1.31, v1.28, v1.25, and v1.23) are supported. ModelArts Standard dedicated resource pools: CCE standard clusters (v1.31, v1.28, and v1.23) are supported.	24.1.0.1	Default version	May 2025	May 2026
				24.1.RC2 .3	In comme rcial use	August 2024	August 2025
				25.0.RC1 .b030	Dedicat ed version for 300I DUO high- density	May 2025	May 2026

CPU Architecture	Specifications Type	Specifications	Supported Cluster Type and Version	HDK Version	Current Driver Status	Launch Time	EOS
ARM 64	Ascend	Snt9	ModelArts Lite Cluster dedicated resource pools: CCE standard clusters (v1.31, v1.28, v1.25, and v1.23) and CCE Turbo clusters (v1.31, v1.28, v1.25, and v1.23) are supported. ModelArts Standard dedicated resource pools: CCE standard clusters (v1.31, v1.28, and v1.23) are supported.	24.1.rc2.3	Default version	June 2024	June 2025
				23.0.6	EOS	September 2024	September 2025
				23.0.3	EOS	June 2024	June 2025
				23.0.1	EOS	March 2023	March 2024

CPU Architecture	Specifications Type	Specifications	Supported Cluster Type and Version	HDK Version	Current Driver Status	Launch Time	EOS
x86	GPU	Ant8 Ant1 Vnt1 Tnt004	ModelArts Lite Cluster dedicated resource pools: CCE standard clusters (v1.31, v1.28, v1.25, and v1.23) and CCE Turbo clusters (v1.31, v1.28, v1.25, and v1.23) are supported. ModelArts Standard dedicated resource pools: CCE standard clusters (v1.31, v1.28, and v1.23) are supported.	515.65.01	Default version	December 2023	December 2024
				470.182.03	EOS	September 2022	September 2023

CPU Arch itect ure	Spe cifi cati ons Typ e	Spec ifica tion s	Supported Cluster Type and Version	HDK Version	Curren t Driver Status	Launch Time	EOS
x86	GP U	Lnt0 02 Hnt0 2	ModelArts Lite Cluster dedicated resource pools: CCE standard clusters (v1.31, v1.28, v1.25, and v1.23) and CCE Turbo clusters (v1.31, v1.28, v1.25, and v1.23) are supported. ModelArts Standard dedicated resource pools: CCE standard clusters (v1.31, v1.28, and v1.23) are supported.	535.129. 03	Default version	Decembe r 2024	December 2025

ModelArts HDK Version Phases

- **Commercial use:** The HDK commercial version has been fully verified and is stable and reliable. You can use this version in production environments while enjoying the ModelArts O&M assurance.
- **EOS:** After the HDK version EOS, ModelArts does not support the creation of new resources or provide technical support including new feature updates, vulnerability or issue fixes, new patches, service ticket guidance, and online checks for the EOS cluster version. The ModelArts O&M assurance is not valid for such resources.

ModelArts HDK Version Upgrade

To experience new features and avoid known vulnerabilities or issues, you are advised to upgrade the HDK periodically. Using an EOS version, you cannot obtain technical support and ModelArts O&M assurance. Upgrade the HDK in a timely

manner. If you encounter any problem during the upgrade, [submit a service ticket](#) to contact technical support.

For details about how to upgrade the HDK of each ModelArts product, see the following documents:

- [Upgrading the Standard Dedicated Resource Pool Driver](#)
- [Upgrading the Lite Cluster Resource Pool Driver](#)
- [Upgrading the Ascend Driver and Firmware Version on Lite Server](#)

2.3 ModelArts Container Image EOS Announcement

ModelArts provides unified images for both Arm+snt and GPU specifications, supporting MindSpore and PyTorch frameworks. They are applicable to development environments, model training, and service deployment, improving user experience and system stability. It is recommended that you switch the unified image to the latest version periodically to access new functions, avoid vulnerabilities, and maintain service security and reliability.

PU Type	Preset Image Version	Status	Launch Time	End of Service (EOS) Date
Snt9b23	mindspore_2.6.0rc1-cann_8.1.rc2-py_3.10-hce_2.0.2503-aarch64-snt9b23	In commercial use	June 2025	June 2026
	pytorch_2.1.0-cann_8.1.rc2-py_3.10-hce_2.0.2503-aarch64-snt9b23	In commercial use	June 2025	June 2026
	pytorch_2.1.0-cann_8.0.rc3-py_3.9-hce_2.0.2409-aarch64-snt9b23	In commercial use	March 2025	March 2026
	pytorch_2.1.0-cann_8.0.rc3-py_3.10-hce_2.0.2412-aarch64-snt9b23	In commercial use	March 2025	March 2026
	mindspore_2.4.10-cann_8.0.rc3-py_3.10-hce_2.0.2412-aarch64-snt9b23	In commercial use	March 2025	March 2026
	pytorch_2.5.1-cann_8.0.rc3-py_3.10-hce_2.0.2503-aarch64-snt9b23	In commercial use	March 2025	March 2026

PU Type	Preset Image Version	Status	Launch Time	End of Service (EOS) Date
Snt9b	pytorch_2.1.0-cann_8.1.rc1-py_3.10-euler_2.10.11-aarch64-snt9b	In commercial use	June 2025	June 2026
	mindspore_2.6.0rc1-cann_8.1.rc1-py_3.10-euler_2.10.11-aarch64-snt9b	In commercial use	June 2025	June 2026
	mindspore_2.4.10-cann_8.0.0-py_3.10-euler_2.10.11-aarch64-snt9b	In commercial use	April 2025	April 2026
	pytorch_2.1.0-cann_8.0.0-py_3.10-euler_2.10.11-aarch64-snt9b	In commercial use	April 2025	April 2026
	mindspore_2.4.10-cann_8.0.0-py_3.10-euler_2.10.11-aarch64-snt9	In commercial use	April 2025	April 2026
	mindspore_2.4.0-cann_8.0.rc3-py_3.9-euler_2.10.10-aarch64-snt9b	In commercial use	December 2024	December 2025
	pytorch_2.1.0-cann_8.0.rc3-py_3.9-euler_2.10.10-aarch64-snt9b	In commercial use	December 2024	December 2025
	mindspore_2.3.0-cann_8.0.rc2-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	September 2024	September 2025
	pytorch_2.1.0-cann_8.0.rc2-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	September 2024	September 2025
	pytorch_1.11.0-cann_8.0.rc2-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	September 2024	September 2025

PU Type	Preset Image Version	Status	Launch Time	End of Service (EOS) Date
	mindspore_2.3.0-cann_8.0.rc1-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	June 2024	December 2025
	pytorch_2.1.0-cann_8.0.rc1-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	June 2024	December 2025
	pytorch_1.11.0-cann_8.0.rc1-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	June 2024	December 2025
	mindspore_2.2.12-cann_7.0.1.1-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	March 2024	December 2025
	pytorch_2.1.0-cann_7.0.1.1-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	March 2024	December 2025
	pytorch_1.11.0-cann_7.0.1.1-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	March 2024	December 2025
	mindspore_2.2.0-cann_7.0.1-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	December 2023	December 2025
	pytorch_2.1.0-cann_7.0.1-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	December 2023	December 2025
	pytorch_1.11.0-cann_7.0.1-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	December 2023	December 2025
	mindspore_2.2.0-cann_7.0.1-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	December 2023	December 2025

PU Type	Preset Image Version	Status	Launch Time	End of Service (EOS) Date
	pytorch_2.1.0-cann_7.0.1-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	December 2023	December 2025
	pytorch_1.11.0-cann_7.0.1-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	December 2023	December 2025
	mindspore_2.1.0-cann_6.3.2-py_3.9-euler_2.10.7-aarch64-snt9b	In commercial use	September 2023	September 2025
	mindspore_2.1.0-cann_6.3.2-py_3.7-euler_2.10.7-aarch64-snt9b	EOS	September 2023	September 2024
	pytorch_1.11.0-cann_6.3.2-py_3.7-euler_2.10.7-aarch64-snt9b	EOS	September 2023	September 2024
	tensorflow_1.15.0-cann_6.3.2-py_3.7-euler_2.10.7-aarch64-d910b	EOS	September 2023	September 2024
Snt9	pytorch_2.1.0-cann_8.0.0-py_3.10-euler_2.10.11-aarch64-snt9	In commercial use	April 2025	April 2026
	mindspore_2.4.10-cann_8.0.0-py_3.10-euler_2.10.11-aarch64-snt9	In commercial use	April 2025	April 2026
	mindspore_2.1.0-cann_6.3.2-py_3.9-euler_2.10.7-aarch64-snt9	In commercial use	July 2024	December 2025
	mindspore_2.1.0-cann_6.3.2-py_3.7-euler_2.8.3-aarch64-snt9	EOS	September 2023	September 2024

PU Type	Preset Image Version	Status	Launch Time	End of Service (EOS) Date
	pytorch_1.11.0-cann_6.3.2-py_3.7-euler_2.8.3-aarch64-snt9	EOS	September 2023	September 2024
	pytorch_1.11.0-cann_6.3.2-py_3.7-euler_2.8.3-aarch64-d910-20230727154652-7d74011	EOS	August 2023	August 2024
	mindspore_2.1.0-cann_6.3.2-py_3.7-euler_2.8.3-aarch64-d910-20230727154652-7d74011	EOS	August 2023	August 2024
	tensorflow_1.15.0-cann_6.3.2-py_3.7-euler_2.8.3-aarch64-d910-20230727154652-7d74011	EOS	August 2023	August 2024
	mindspore_1.7.0-cann_5.1.0-py_3.7-euler_2.8.3-aarch64-d910-20220906095910-6531e92	EOS	October 2022	October 2023
	tensorflow_1.15-cann_5.1.0-py_3.7-euler_2.8.3-aarch64-d910-20220906095910-6531e92	EOS	October 2022	October 2023
	mindspore_2.1.0-cann_6.3.2-py_3.7-euler_2.10.7-aarch64-d910-20230907104152-28db128	EOS	October 2022	October 2023
	mindspore_1.9.0-cann_6.0.0-py_3.7-euler_2.8.3-aarch64-d910-20221116111529	EOS	December 2022	December 2023
	mindspore_1.10.0-cann_6.0.1-py_3.7-euler_2.8.3-aarch64-d910-20230303173945-815d627	EOS	April 2023	April 2024
	mindspore_1.7.0-cann_5.1.0-py_3.7-euler_2.8.3-aarch64-d910-20220906	EOS	October 2022	October 2024
	tensorflow_1.15-cann_5.1.0-py_3.7-euler_2.8.3-aarch64-d910-20220906	EOS	October 2022	October 2023
Snt3P R&Snt 3PD	pytorch_2.1.0-cann_8.1.rc1-py_3.10-hce_2.0.2503-aarch64-snt3p	In commercial use	June 2025	June 2026

PU Type	Preset Image Version	Status	Launch Time	End of Service (EOS) Date
	mindspore_2.6.0rc1-cann_8.1.rc1-py_3.10-hce_2.0.2503-aarch64-snt3p	In commercial use	June 2025	June 2026
	mindspore_2.4.10-cann_8.0.0-py_3.10-euler_2.10.11-aarch64-snt3p	In commercial use	April 2025	April 2026
	pytorch_2.1.0-cann_8.0.0-py_3.10-euler_2.10.11-aarch64-snt3p	In commercial use	April 2025	April 2026
	pytorch_2.1.0-cann_8.0.rc3-py_3.9-hce_2.0.2406-aarch64-snt3p	In commercial use	September 2024	September 2025
	mindspore_2.2.10-cann_7.0.0-py_3.9-hce_2.0.2312-x86_64-snt3p	In commercial use	May 2024	May 2025
	mindspore_2.2.12-cann_7.0.1.1-py_3.9-euler_2.10.7-aarch64-snt3p	In commercial use	May 2024	May 2025
	pytorch_2.1.0-cann_7.0.1.1-py_3.9-euler_2.10.7-aarch64-snt3p	In commercial use	May 2024	May 2025
Ant8 Ant1 Vnt1 Hnt02 Lnt002 Tnt004	pytorch_2_1:pytorch_2.1.0-cuda_12.1-py_3.10.6-ubuntu_22.04-x86_64-20250603154214-4e60e43	In commercial use	June 2025	June 2026
	pytorch_2.1.0-cuda_12.1-py_3.9.11-ubuntu_22.04-x86_64-20240313165241-219655b	In commercial use	April 2024	April 2025
	mindquantum_0.9.0-cuda_11.6-py_3.9-ubuntu_20.04-x86_64-20231130162729-973e1a6	In commercial use	December 2023	December 2024

PU Type	Preset Image Version	Status	Launch Time	End of Service (EOS) Date
	tensorflow_1.15.5-cuda_11.4-py_3.8-ubuntu_20.04-x86_64-20220926141224-041ba2e	In commercial use	October 2022	October 2023
	tensorflow_2.1.0-cuda_10.1-py_3.7-ubuntu_18.04-x86_64-20221121111529-d65d817	EOS	December 2022	December 2023
	pytorch_1.8.0-cuda_10.2-py_3.7-ubuntu_18.04-x86_64-20221118143845-d65d817	EOS	December 2022	December 2023
	mindspore_1.7.0-cpu-py_3.7-ubuntu_18.04-x86_64-20221118143809-d65d817	EOS	December 2022	December 2023
	mindspore_1.2.0-py_3.7-cuda_10.1-ubuntu_18.04-x86_64-20221118143809-d65d817	EOS	December 2022	December 2023
	rlstudio1.0.0-ray1.3.0-cuda10.1-ubuntu18.04	EOS	December 2022	December 2023
	pytorch_1.4-cuda_10.1-py37-ubuntu_18.04-x86_64-20221118143845-d65d817	EOS	December 2022	December 2023
	mindspore_1.2.0-py_3.7-ubuntu_18.04-x86_64-20221118143809-d65d817	EOS	December 2022	December 2023
	tensorflow_1.13-cuda_10.0-py_3.7-ubuntu_18.04-x86_64-20221118143845-d65d817	EOS	December 2022	December 2023
	ubuntu_18.04-x86_64-20230404095316-7fcd503	EOS	May 2023	May 2024
	or_1.0.0-py_3.7-ubuntu_18.04-x86_64-roma-20231009152946-e7b7e70	EOS	November 2023	November 2024
	develop-remote-pyspark_2.4.5-py_3.7-cpu-ubuntu_18.04-x86_64-uid1000-20231009154125-e7b7e70	EOS	November 2023	November 2024
	pytorch_1.10.2-cuda_10.2-py_3.7-ubuntu_18.04-x86_64-20221118143845-d65d817	EOS	December 2022	December 2023

PU Type	Preset Image Version	Status	Launch Time	End of Service (EOS) Date
	cuda_10.2-ubuntu_18.04-x86_64-20230404095316-7fcd503	EOS	May 2023	May 2024
	mindspore_1.7.0-cuda_10.1-py_3.7-ubuntu_18.04-x86_64-20221118143809-d65d817	EOS	December 2022	December 2023
	mindspore_1.7.0-cpu-py_3.7-ubuntu_18.04-x86_64-20221118143809-d65d817	EOS	December 2022	December 2023
	tensorflow_2.1.0-cuda_10.1-py_3.7-ubuntu_18.04-x86_64-20220926144607-041ba2e	EOS	October 2022	October 2023
	pytorch_1.4-cuda_10.1-py37-ubuntu_18.04-x86_64-20220926104017-041ba2e	EOS	October 2022	October 2023
	mindspore_1.2.0-py_3.7-cuda_10.1-ubuntu_18.04-x86_64-20220926104106-041ba2e	EOS	October 2022	October 2023
	tensorflow_1.13-cuda_10.0-py_3.7-ubuntu_18.04-x86_64-20220926104358-041ba2e	EOS	October 2022	October 2023
	mindspore_1.7.0-cpu-py_3.7-ubuntu_18.04-x86_64-20220926104017-041ba2e	EOS	October 2022	October 2023
	mindspore_1.7.0-cuda_10.1-py_3.7-ubuntu_18.04-x86_64-20220926104017-041ba2e	EOS	October 2022	October 2023
	pytorch_1.10.2-cuda_10.2-py_3.7-ubuntu_18.04-x86_64-20221008154718-2b3e39c	EOS	October 2022	October 2023
	mindspore_1.2.0-py_3.7-ubuntu_18.04-x86_64-20220926104106-041ba2e	EOS	October 2022	October 2023
	pytorch_1.8.0-cuda_10.2-py_3.7-ubuntu_18.04-x86_64-20220926104358-041ba2e	EOS	October 2022	October 2023
	pytorch_2.1.0-cuda_12.1-py_3.9.11-ubuntu_22.04-x86_64-20240313165241-219655b	EOS	April 2024	April 2025

PU Type	Preset Image Version	Status	Launch Time	End of Service (EOS) Date
	cuda_10.2-ubuntu_18.04-x86_64-roma-20220822110152-6f46fd1	EOS	September 2023	September 2024
	ubuntu_18.04-x86_64-roma-20220822110152-6f46fd1	EOS	September 2022	September 2023
	pytorch_1.8.2-cuda_10.2-py_3.7-ubuntu_18.04-x86_64-20230208092918-2ed5e40	EOS	March 2023	March 2024
	develop-remote-pyspark_2.4.5-py_3.7-cpu-ubuntu_18.04-x86_64-uid1000-20221222203856-fcc979e	EOS	December 2022	December 2023
	pytorch_1.8.2-cuda_11.1-py_3.7-ubuntu_18.04-x86_64-20220926104358-041ba2e	EOS	October 2022	December 2023
	tensorflow_2.6.0-cuda_11.2-py_3.7-ubuntu_18.04-x86_64-20220926144521-041ba2e	EOS	October 2022	December 2023
	mindspore_1.2.0-py_3.7-ubuntu_18.04-x86_64-20220926104106-041ba2e	EOS	October 2022	December 2023
	notebook2.0-user-defined-gpu-cp37	EOS	October 2022	December 2023
	pytorch_1.4-cuda_10.1-py37-ubuntu_18.04-x86_64-20220926104017-041ba2e	EOS	October 2022	December 2023
	tensorflow_2.1.0-cuda_10.1-py_3.7-ubuntu_18.04-x86_64-20220926144607-041ba2e	EOS	October 2022	December 2023
	notebook2.0-user-defined-cpu-cp37	EOS	October 2022	December 2023
	mindspore_1.2.0-py_3.7-cuda_10.1-ubuntu_18.04-x86_64-20220926104106-041ba2e	EOS	October 2022	December 2023

PU Type	Preset Image Version	Status	Launch Time	End of Service (EOS) Date
	pytorch_1.8.0-cuda_10.2-py_3.7-ubuntu_18.04-x86_64-20220926104358-041ba2e	EOS	October 2022	December 2023
	mindspore_1.2.0-py_3.7-ubuntu_18.04-x86_64-20220926104106-041ba2e	EOS	October 2022	December 2023
	mindspore_1.2.0-py_3.7-cuda_10.1-ubuntu_18.04-x86_64-20220926104106-041ba2e	EOS	October 2022	December 2023
	pytorch_1.4-cuda_10.1-py37-ubuntu_18.04-x86_64-20220926104017-041ba2e	EOS	October 2022	December 2023
	notebook2.0-user-defined-gpu-cp37	EOS	October 2022	December 2023
	notebook2.0-user-defined-cpu-cp37	EOS	October 2022	December 2023
	tensorflow_1.13-cuda_10.0-py_3.7-ubuntu_18.04-x86_64-20220926104358-041ba2e	EOS	October 2022	December 2023
	pytorch_1.10.2-cuda_10.2-py_3.7-ubuntu_18.04-x86_64-20221008154718-2b3e39c	EOS	October 2022	December 2023
	mindspore_1.7.0-cpu-py_3.7-ubuntu_18.04-x86_64-20220926104017-041ba2e	EOS	October 2022	December 2023
	mindspore_1.7.0-cuda_10.1-py_3.7-ubuntu_18.04-x86_64-20220926104017-041ba2e	EOS	October 2022	December 2023
	tensorflow_2.1.0-cuda_10.1-py_3.7-ubuntu_18.04-x86_64-20220926144607-041ba2e	EOS	October 2022	December 2023
	tensorflow_1.13-cuda_10.0-py_3.7-ubuntu_18.04-x86_64-20220926104358-041ba2e	EOS	October 2022	December 2023
	mindspore_1.2.0-py_3.7-cuda_10.1-ubuntu_18.04-x86_64-20220926104106-041ba2e	EOS	October 2022	December 2023

PU Type	Preset Image Version	Status	Launch Time	End of Service (EOS) Date
	mindspore_1.2.0-py_3.7-ubuntu_18.04-x86_64-20220926104106-041ba2e	EOS	October 2022	December 2023
	pytorch_1.8.0-cuda_10.2-py_3.7-ubuntu_18.04-x86_64-20220926104358-041ba2e	EOS	October 2022	December 2023
	pytorch_1.4-cuda_10.1-py37-ubuntu_18.04-x86_64-20220926104017-041ba2e	EOS	October 2022	December 2023
	develop-remote-pyspark_2.4.5-py_3.7-cpu-ubuntu_18.04-x86_64-uid1000-20231009154125-e7b7e70	EOS	November 2022	December 2023
	tensorflow_2.1.0-cuda_10.1-py_3.7-ubuntu_18.04-x86_64-20220926144607-041ba2e	EOS	November 2022	December 2023

ModelArts Container Image Version Phases

- **EOS:** After the EOS of a container image, ModelArts does not support the creation of new resources using this image or provide technical support including new feature updates, vulnerability or issue fixes, new patches, service ticket guidance, and online checks. The ModelArts O&M assurance is not valid for such resources.
- **Commercial use:** The container image version has been fully verified and is stable and reliable. You can use this version in production environments while enjoying the ModelArts O&M assurance.

Updating ModelArts Container Images

To experience new features and avoid known vulnerabilities or issues, you are advised to update your container image periodically. Using an EOS version, you cannot obtain technical support and ModelArts O&M assurance. Update your container image in a timely manner. If you encounter any problem during the upgrade, [submit a service ticket](#) to contact technical support.

2.4 Kubernetes Version Policy of ModelArts Standard Cluster

ModelArts Standard Cluster provides you with highly scalable and high-performance enterprise-class Kubernetes clusters. As the Kubernetes community periodically releases Kubernetes versions, ModelArts will release corresponding

cluster OBT and commercial versions accordingly. This section describes the Kubernetes version policy of ModelArts Standard Cluster.

- Commercial use: ModelArts Standard Cluster has been fully verified and is stable and reliable. You can use this version in production environments while enjoying the service-level agreement (SLA) provided by CCE.
- EOS: After the EOS of ModelArts Standard Cluster, ModelArts does not support the creation of new clusters or provide technical support including new feature updates, vulnerability or issue fixes, new patches, service ticket guidance, and online checks. The ModelArts SLA is not valid for such clusters. After the EOS of ModelArts Standard Cluster, you will not be able to obtain the corresponding technical support and ModelArts O&M assurance. Please upgrade your ModelArts Standard Cluster in a timely manner. If you encounter any problem during the upgrade, [submit a service ticket](#) to contact technical support.

Kubernetes Version	Status	Launch Time of ModelArts Standard Cluster	EOS Date of ModelArts Standard Cluster
v1.31	In commercial use	May 2025	May 2027
v1.28	In commercial use	June 2024	June 2026
v1.25	EOS	June 2023	June 2025
v1.23	EOS	June 2022	June 2024

ModelArts Lite Cluster adaptation period: The CCE cluster of ModelArts Lite Cluster is created through the Huawei Cloud CCE service domain. For details about the version maintenance policy, see [Kubernetes Version Policy](#).

2.5 OS Version Mapping of ModelArts Lite Cluster and Standard Cluster

ModelArts provides preset node OSs for Lite Cluster and Standard Cluster to improve user experience and system stability. It is recommended that you switch the OS to the latest version periodically to access new functions, avoid vulnerabilities, and maintain service security and reliability.

- EOS: After the OS EOS, ModelArts does not support the creation of new resources or provide technical support including new feature updates, vulnerability or issue fixes, new patches, service ticket guidance, and online checks. The ModelArts O&M assurance is not valid for such resources.
- Commercial use: The OS version has been fully verified and is stable and reliable. You can use this version in production environments while enjoying the ModelArts O&M assurance.

The following table lists the mappings between released servers and OS versions.

Table 2-6 Mappings between released servers and OS versions

CPU Arch itect ure	Spe cific atio ns Typ e	Spe cific atio ns	Supported Cluster Type and Version	OS	Status	OS Launch Time	OS EOS
ARM 64	Snt	Snt 9b	ModelArts Lite Cluster dedicated resource pools: CCE standard clusters (v1.31, v1.28, v1.25, and v1.23) and CCE Turbo clusters (v1.31, v1.28, v1.25, and v1.23) are supported. ModelArts Standard dedicated resource pools: CCE standard clusters (v1.31, v1.28, and v1.23) are supported.	Huawei Cloud EulerOS 2.0 (Arm)	In comme rcial use	Decemb er 23, 2024	March 31, 2029
				EulerOS 2.10 (Arm)	In comme rcial use	July 10, 2024	Decemb er 31, 2026
ARM 64	Snt	Snt 9b2 3	ModelArts Lite Cluster dedicated resource pools: CCE standard clusters (v1.31, v1.28, v1.25, and v1.23) and CCE Turbo clusters (v1.31, v1.28, v1.25, and v1.23) are supported. ModelArts Standard dedicated resource pools: CCE standard clusters (v1.31, v1.28, and v1.23) are supported.	Huawei Cloud EulerOS 2.0 (Arm)	In comme rcial use	April 9, 2025	March 31, 2029

CPU Arch itect ure	Spe cific atio ns Typ e	Spe cific atio ns	Supported Cluster Type and Version	OS	Status	OS Launch Time	OS EOS
x86	Snt	Snt 3PR	ModelArts Lite Cluster dedicated resource pools: CCE standard clusters (v1.31, v1.28, v1.25, and v1.23) and CCE Turbo clusters (v1.31, v1.28, v1.25, and v1.23) are supported. ModelArts Standard dedicated resource pools: CCE standard clusters (v1.31, v1.28, and v1.23) are supported.	Huawei Cloud EulerOS 2.0 (x86-64)	In comme rcial use	Decemb er 23, 2024	March 31, 2029
				EulerOS 2.9 (x86_64)	In comme rcial use	May 14, 2023	Decemb er 30, 2025
					In comme rcial use	June 3, 2024	Decemb er 30, 2025
ARM 64	Snt	Snt 3PD	ModelArts Lite Cluster dedicated resource pools: CCE standard clusters (v1.31, v1.28, v1.25, and v1.23) and CCE Turbo clusters (v1.31, v1.28, v1.25, and v1.23) are supported. ModelArts Standard dedicated resource pools: CCE standard clusters (v1.31, v1.28, and v1.23) are supported.	Huawei Cloud EulerOS 2.0 (Arm)	In comme rcial use	May 17, 2025	March 31, 2029
				EulerOS 2.9 (Arm)	In comme rcial use	May 23, 2024	Decemb er 30, 2025

CPU Arch itect ure	Spe cific atio ns Typ e	Spe cific atio ns	Supported Cluster Type and Version	OS	Status	OS Launch Time	OS EOS
x86	GPU	Ant 8	ModelArts Lite Cluster dedicated resource pools: CCE standard clusters (v1.31, v1.28, v1.25, and v1.23) and CCE Turbo clusters (v1.31, v1.28, v1.25, and v1.23) are supported. ModelArts Standard dedicated resource pools: CCE standard clusters (v1.31, v1.28, and v1.23) are supported.	EulerOS 2.10	In comme rcial use	January 3, 2024	Decemb er 31, 2026
x86	GPU	Ant 1	ModelArts Lite Cluster dedicated resource pools: CCE standard clusters (v1.31, v1.28, v1.25, and v1.23) and CCE Turbo clusters (v1.31, v1.28, v1.25, and v1.23) are supported. ModelArts Standard dedicated resource pools: CCE standard clusters (v1.31, v1.28, and v1.23) are supported.	EulerOS 2.10	In comme rcial use	January 20, 2023	Decemb er 31, 2026
				EulerOS 2.3	EOS	Septem ber 30, 2021	Septem ber 30, 2022
					EOS	Septem ber 30, 2021	Septem ber 30, 2022

CPU Architecture	Specifications Type	Specifications	Supported Cluster Type and Version	OS	Status	OS Launch Time	OS EOS
x86	GPU	Vnt 1 Tnt 004 Ant 03	ModelArts Lite Cluster dedicated resource pools: CCE standard clusters (v1.31, v1.28, v1.25, and v1.23) are supported. ModelArts Standard dedicated resource pools: CCE standard clusters (v1.31, v1.28, and v1.23) are supported.	EulerOS 2.9	In commercial use	July 1, 2022	December 30, 2025
X86	GPU	Hnt 02 Int0 02	ModelArts Lite Cluster dedicated resource pools: CCE standard clusters (v1.31, v1.28, v1.25, and v1.23) and CCE Turbo clusters (v1.31, v1.28, v1.25, and v1.23) are supported. ModelArts Standard dedicated resource pools: CCE standard clusters (v1.31, v1.28, and v1.23) are supported.	Huawei Cloud EulerOS 2.0 (x86-64)	In commercial use	April 9, 2025	March 31, 2029