

Atlas 200 DK AI Developer Kit

Model: 3000



The Atlas 200 DK (model: 3000) is a high-performance AI application developer board that integrates the Ascend 310 AI processor to facilitate quick development and verification. It has been widely used in scenarios such as developer solution verification, higher education, and scientific research.

High integration

- Powered by the Huawei Ascend 310 AI processor, and integrates various peripheral interfaces and the Mind Studio, facilitating access to the development environment and enabling quick development

Easy-to-use software environment

- Mind Studio provides a user-friendly programming interface and GUI-based debugging, allowing automatic management of offline models with a simulation environment

Application Scenarios



Developer solution verification

Model verification
Solution verification



Higher education

Entry-level AI education
Talent cultivation



Scientific research

Application research
Algorithm research

Specifications

AI Processor	Ascend 310
AI Computing Power	22/16/8TOPS INT8 11/8/4 TFLOPS FP16
Memory	LPDDR4X, 8 GB/4 GB, total bandwidth 51.2 GB/s
Encoding/ Decoding	<ul style="list-style-type: none">H.264 hardware decoding, 16-channel 1080p 30 FPS (2-channel 3840 x 2160 @ 60 FPS)H.265 hardware decoding, 16-channel 1080p 30 FPS (2-channel 3840 x 2160 @ 60 FPS)H.264 hardware encoding, 1-channel 1080p 30 FPSH.265 hardware encoding, 1-channel 1080p 30 FPSJPEG decoding: 1080p 256 FPS; encoding: 1080p 64 FPS; maximum resolution: 8192 x 4320PNG decoding: 1080p 24 FPS; maximum resolution: 4096 x 2160
Port	<ul style="list-style-type: none">Network: 1 GE RJ45 portUSB: 1 USB 2.0/USB 3.0 portCamera: 2 51-pin connectorOthers: 1 40-pin I/O connector
Power Supply	12 V DC
Power Consumption	Typical: 20 W
Operating Temperature	0°C to 35°C
Dimensions (H x W x D)	32.9 mm x 137.8 mm x 93.0 mm