

# COMPUTE MODULE



- Smaller product size
- Operates effectively in extreme environments, with a temperature tolerance from -40°C to 75°C
- Adopting an all-metal shell design, the fan provides better heat dissipation conditions overall
- Compute Module can be equipped with Seyond perception software to analyze real-time LiDAR point cloud data, provide semantic level environmental perception information

## Key Specifications

  
-40°C~75°C  
Operating Temperature

  
IP52  
Ingress Protection

  
2.5kg  
Weight

  
200mm×120mm×80mm  
Dimension(H×W×D)

  
Fan  
Heat dissipation

## Applications

  
Smart City

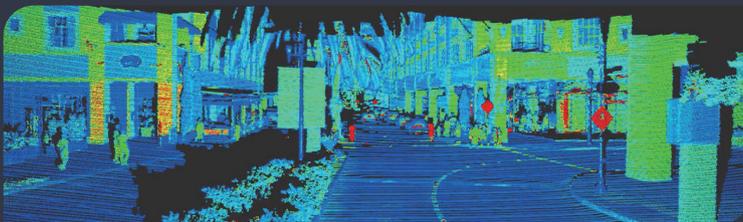
  
Highways

  
Railways

  
Ports

  
Shipping

## About Seyond



Seyond is a leading global provider of image-grade LiDAR technology, powering a safer, smarter and more mobile world across the automotive, intelligent transportation, robotics and industrial automation sectors. Founded in Silicon Valley with strategically placed research and manufacturing facilities across the globe, Seyond is crafting LiDAR solutions that elevate autonomous driving and fuel the advancement of smart infrastructure development.

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## Interface, Ports



Input voltage	9-32V DC
Rated Voltage	24V DC
Power protection	Grounding equipment, Surge protection, ESD (Electrostatic Discharge) protection
Power Switch	1x Power ON/OFF Button
Ports	4xRJ45, 1000Base-T; 1xHDMI display; 2xUSB

## Computing



Processor	AGXOrin 32G
AI Performance Reference	Up to 200 TOPS
Memory	32GB
Storage	64GB eMMC 5.1
Operation system	Linux
Certification	NEMA-TS2

## Physical



Dimensions (H×W×D)	200x120x80mm
Installation	Desktop/DIN-rail
Installation Position	Inside the pole-mounted box/signal control box
Weight	2.5kg
Operating Temperature	-40°C~75°C
Storage Temperature	-40°C~85°C
Ingress Protection	IP52
Heat dissipation	Fan