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INDUSTRIAL PRODUCT DATASHEET

Lumeo Super AI Gateway, powered by NVIDIA Jetson Orin NX 16GB in Super Mode

Easily build, and manage custom video analytics applications with Lumeo's intuitive no-code platform equipped with drag-and-drop tools and pre-built analytics, reducing development time from days to minutes.

SKU	UPDATED	PRICE
100024918	2026-11-17 08:07:29	$1449.00(Excl. VAT)



Overview



Easily build, and manage custom video analytics applications with Lumeo's intuitive no-code platform equipped with drag-and-drop tools and pre-built analytics, reducing development time from days to minutes. Deploy instantly to the edge using this Lumeo Super AI Gateway powered by reComputer Super Jetson Orin device.

Key Features

01 **Powerful Edge AI Gateway**

02 **Super Boost AI Performance**

Powered by NVIDIA Jetson Orin™ with 157 TOPS AI performance in Super Mode. Please see the hardware model difference in the following hardware comparison table.

03 **Rich connectivity**

2 RJ-45 Ethernet ports, 4x USB 3.2, HDMI 2.1, SIM card and CAN. Also including M.2 Key E/M, Mini-PCIe, 4x Mipi-CSI for connectivity and cameras.

04 **Robust Thermal Design**

Operates reliably in temperatures from -20°C to 60°C at 40W.

05 **Effortless Device Configuration**

06 **User-friendly web interface**

07 **Device discovery using MDNS/Windows Explorer.**

08 **Pre-installed Lumeo software for quick provisioning.**

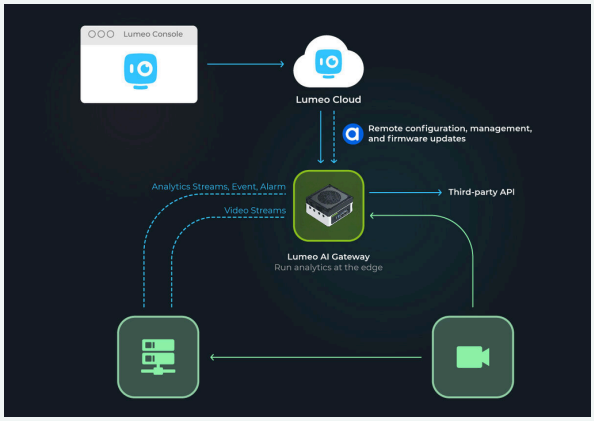
09 **Cloud-based, Large-Scale Device Management**

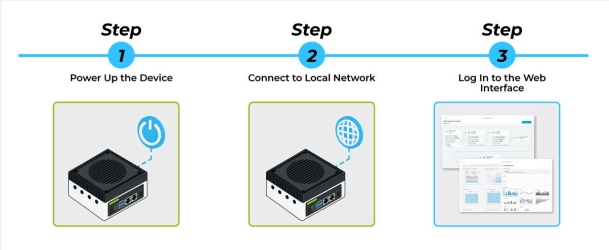
10 **Supports Allxon Remote Edge AI Device Management Service.**

11 **OOB Power Cycling for instantly resolving system errors and unresponsive devices.**

12 **Automatic Fleet Provisioning for deployment and customized BSP OTA update for maintenance.**

Product Gallery







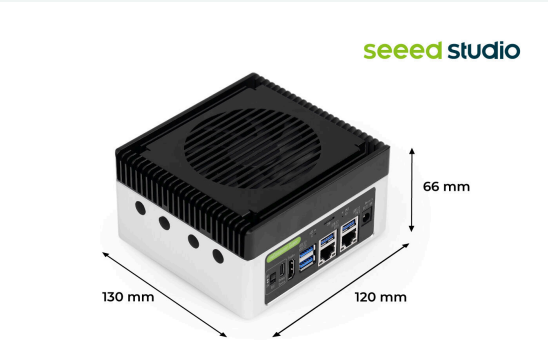









reComputer Super

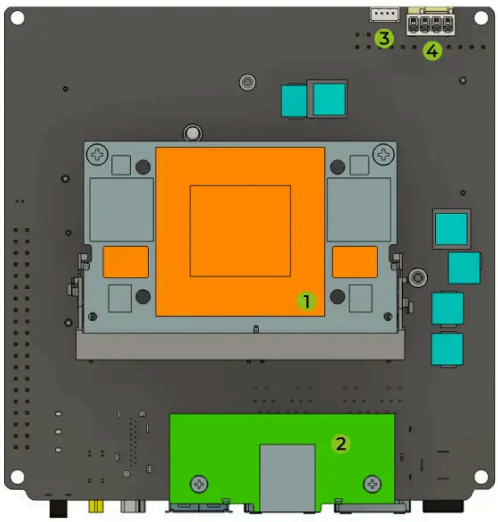

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66 mm
130 mm
120 mm

Hardware Overview



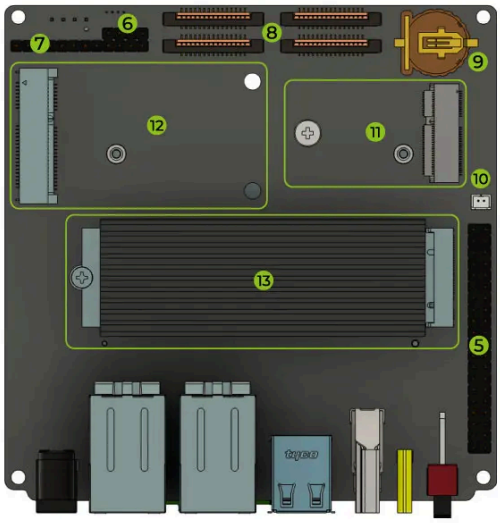
1. DIP Switch
2. Type C USB 2.0
3. HDMI 2.1
4. 4x Type A USB 3.2
5. 2x Pinhole Button
6. 2x LED Indicator
7. SIM Card Slot
8. 2x RJ45 Ethernet Port
9. Barrel DC Jack 5525

Top View



1. Nvidia Jetson Orin Module
2. Extension Board
3. 4-Pin Fan Connector (5V PWM)
4. 4-Pin Fan Connector (12V PWM)

Bottom View



5 40-Pin Extension Header
6 CAN Header
7 12-Pin control and UART header
8 4x 15-Pin MIPI CSI
9 RTC Battery Socket(CR1220)
10 RTC 2-Pin Header(3V)
11 M.2 Key E Slot
12 Mini PCIe Slot
13 M.2 Key M Slot(with SSD)

Applications

- **Lumeo currently powers a wide range of use cases for large retail malls, parking facilities, commercial buildings, and critical infrastructure installations. Lumeo makes it easy to track occupancy; monitor traffic flow; check vehicle speed; recognize human faces, license plates, and vehicle makes/models; and identify loitering, crowd gathering, and line crossing.**
- **Find more solution: lumeo.com/solutions**

Resource Links

- https://www.seeedstudio.com/Lumeo-AI-Gateway-powered-by-NVIDIA-Jetson-Orin-NX-16GB-in-Super-Mode-p-7016.html
- Lumeo Gateway Documentation
- reComputer Super Reference Guide
- reComputer Super 3D File
- reComputer Super Schematic
- reComputer Super Temperature Test Report
- Seeed Nvidia Jetson Success Cases
- Seeed Jetson One Pager
- Flash BSP for Jetson

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com