

ESY-CAM01

Amlogic A311D Mini PC

Features

- Amlogic A311D Quad Core ARM Cortex-A73 and Dual Core ARM Cortex-A53 CPU
- 4GB LPDDR4 RAM
- 16GB eMMC Flash
- 2x Gbps Ethernet Ports
- 1x USB2.0 Type-A
- 1x HDMI2.1 Output up to 4Kp60
- 1x USB Type-C (DC 5V 2A)
- Linux Ubuntu 24.04

Appearance



ESY-CAM01

Amlogic A311D Mini PC

Revision Table

Date	Revision	Content	By
2025/06/27	0.1	First Draft (Preliminary)	Eisley

ACT POWER TAIWAN
Preliminary

ESY-CAM01

Amlogic A311D Mini PC

Specification

System	
SoC	Amlogic A311D Quad Core ARM Cortex-A73 and Dual Core ARM Cortex-A53 CPU
NPU	5.0 TOPS
Memory	4GB LPDDR4 RAM
Storage	16GB eMMC Flash
External I/O	2x 1Gbps Ethernet 2x USB 2.0 Type-A 1x HDMI
OS	Linux Ubuntu Core 24.04
Power Supply	5V / 2A
	USB Type-C, DC IN
Housing	
Material	Metal Case
Dimension	Approximately 118 x 76 x 35 (mm)
Weight	TBD

Environmental

Operating Temp.	0°C to 50°C
Storage Temp.	0°C to 60°C
Humidity	90% @25°C, Non-Condensing

Environmental performance may vary according to the integration method or final integration scenario.

Compliance

Certifications	CE/FCC/RoHS, Applied after Sample Confirmation. TBD
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ESY-CAM01

Amlogic A311D Mini PC

Deliverables

1	Amlogic A311D Mini PC
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Ordering Information

Model Name	Description	Unit
ESY-CAM01	Amlogic A311D Mini PC	1

Ordering Details

ESY-CAM01 - 2 2 N

Storage

- (N) None
- (1) 8GB
- (2) 16GB
- (3) 32GB
- (4) 64GB
- (5) 120~128GB
- (6) 240~256GB
- (7) 480~512GB
- (8) 960~1TB
- (9) 2TB

RAM

- (N) None
- (1) 2GB
- (2) 4GB
- (3) 8GB
- (4) 16GB
- (5) 32GB
- (6) 64GB
- (7) 128GB

Connectivity (Wireless)

WIFI/GPS/BT

- (N): None
- (A): WIFI, BT, GPS
- (B): BT
- (C): WIFI, GPS
- (D): BT, GPS
- (E): WIFI, BT
- (G): GPS
- (W): WIFI

Example: ESY-CAM01-43N

Amlogic A311D Mini PC, 64GB Storage, 8GB RAM

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