

# General information

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The AG-1629 is a Quad-core, highly effective ARM-based compact-size multipurpose industrial computer with IoT gateway functionality. It is designed for edge computing. It supports of Linux Debian. The computer has a built-in independent watchdog and a USB interface for debugging.

## Model Selection

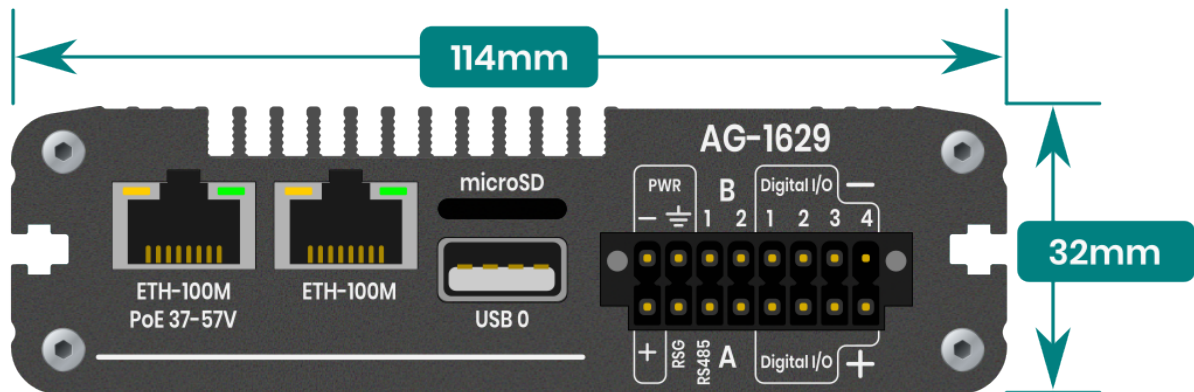
Atreyo manufactures several versions of the AG-1629 with respect to components and modules used in it.

AG-1629	Memory		Hardware Options								More information
	eMMC	RAM	Cellular Network			GNSS	WiFi	Digital In	Digital Out	Supply	
	GB	GB	GPRS	3G	4G LTE					V	
AG-1629	8	512						4	4	7-48	Without cellular
AG-1629-LT-EU	8	512	✓		✓	✓		4	4	7-48	For India and EU
AG-1629-LT-EU-WL3	8	512	✓		✓	✓	✓	4	4	7-48	For India and EU
AG-1629-LT-GL	8	512	✓	✓	✓	✓		4	4	7-48	Global model
AG-1629-LT-GL-WL3	8	512	✓	✓	✓	✓	✓	4	4	7-48	Global model

# Hardware

The gateway housing is made of anodized aluminum. There are heat sink fins on top. The gate heats up during operation and this is normal.

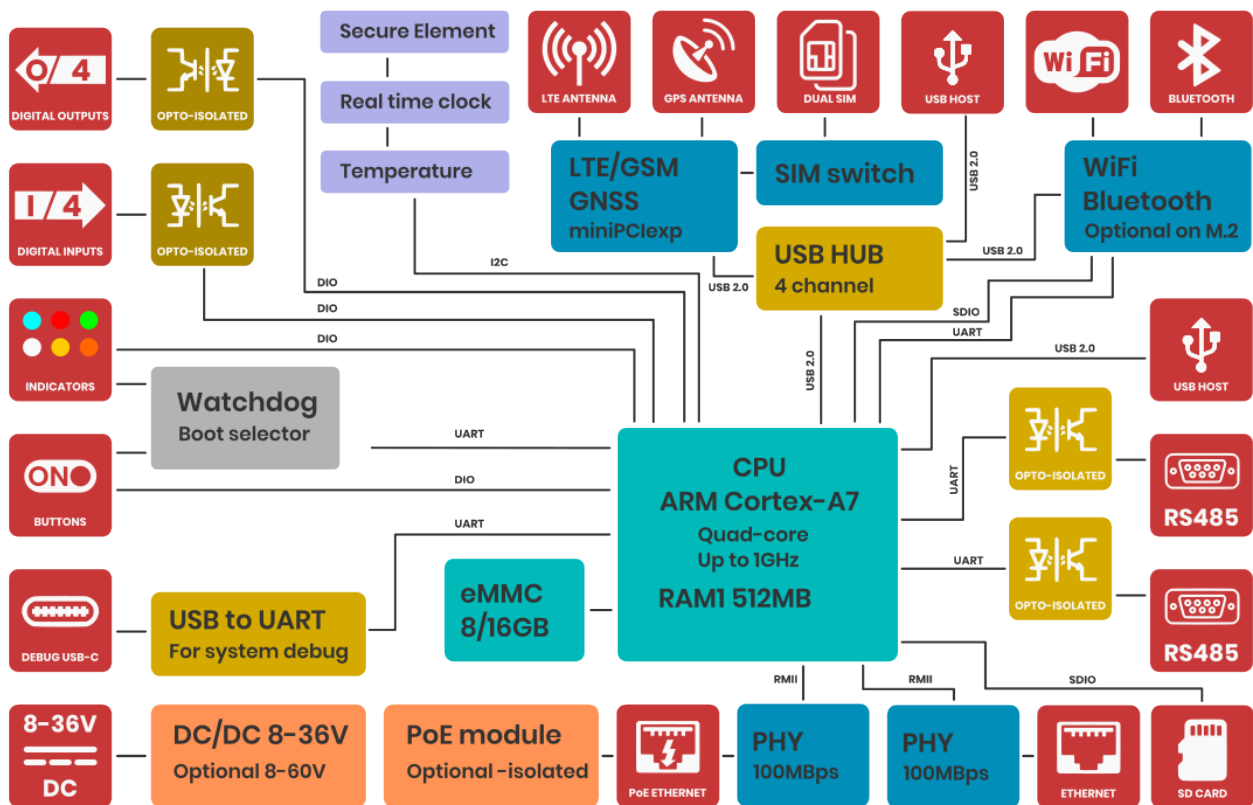
Side dimensions



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## Block diagram

For a better understanding of how the computer works, we present a block diagram.



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