



# ORIA - Technical specifications

March 2026



# Overview



ORIA is a compact personal computer designed in France, with a focus on security, digital sovereignty, and local data processing. It can integrate an AI TPU to ensure that sensitive data remains confidential. This PC runs on a Linux-based operating system maintained by the French company IACA Electronique.

# Specification

<b>Form factor</b>	107.5 mm x 140 mm x 30mm
<b>Input power</b>	12V to 24V DC
<b>Consumption</b>	20 Watts
<b>Processor</b>	Broadcom BCM2711 quad-core 64-bit Arm Cortex-A72(ARM V8) SoC @1.5GHz
<b>RAM</b>	from 4GB to 16GB LPDDR4
<b>Storage</b>	0GB, 8GB, 16GB, 32GB eMMC
<b>Connectivity</b>	<b>Optional Wireless LAN :</b> <ul style="list-style-type: none"><li>• Dual-band (2.4GHz / 5.0GHz)</li><li>• IEEE 802.11b/g/n/ac</li></ul> <b>Bluetooth 5.0, BLE</b> <b>Gigabit Ethernet :</b> Integrated PHY supporting IEEE 1588 (PTP) <b>1x USB 2.0</b> <ul style="list-style-type: none"><li>• 1 x internal</li></ul> <b>2x USB 3.0</b>
<b>Video</b>	1x standard HDMI connector (supports up to 4Kp60)
<b>Multimedia</b>	4Kp60 HEVC decoder OpenGL ES 3.1 graphics, Vulkan 1.2
<b>Temperature</b>	-20°C to +60°C
<b>Product lifetime:</b>	Based on IACA Box rev B with CM5 will remain in production until at least <b>January 2036</b>
<b>Operating system</b>	ORIA OS (Linux based distribution)