



# reComputer AI Industrial R2135-12

## The World's Most Powerful Raspberry Pi AI Box

Category	Details
CPU	Raspberry Pi Compute Module 5 (CM5), 2.4GHz quad-core 64-bit ARM Cortex-A76
GPU	VideoCore VII GPU
AI Accelerator	Hailo-8 M.2 Acceleration Stick, 26 TOPS
Memory	8GB RAM
Storage	32GB eMMC, 1× M.2 (M-key 2242, occupied by Hailo-8), Optional NVMe SSD (128GB–2TB)
Operating System	Raspbian, Debian
Ethernet	1× Gigabit Ethernet (RJ45)
USB	2× USB 3.2 Type-A, 1× USB 2.0 Type-C (debug/OS updates)
Display	2× HDMI 2.0
Audio	3.5mm audio jack
Expansion	1× Mini-PCIe for 4G, 1× SIM slot
Wireless	Wi-Fi 5 & BLE 5.0 (on-chip), optional 4G LTE
Buttons & LEDs	Reset button, Boot switch, Power/ACT/4G LEDs
Security	Optional TPM 2.0 / ATECC608A
Reliability Features	Hardware watchdog, high-accuracy RTC
Operating Temperature	–20 to +65 °C
Ingress Protection	IP40
Humidity	10–95% RH
Cooling	Heatsink with fan
Lifetime & Warranty	2-year warranty; production lifetime until Dec 2036
Certifications	CE, FCC, Teleg, RoHS, REACH
Dimensions	130 × 93 × 55.5 mm
Weight	688g
Enclosure	Aluminum alloy with PC side panels
Mounting	DIN-rail / Wall mounting