

airon Pilot Brief

A reference view of the in-development airon appliance for sovereign, on-premise AI pilots where data locality, auditability, and operational control matter.

STATUS

airon is in active development. Reference details are for pilot planning and may change before production availability.

REFERENCE CONFIGURATION

AI compute	80 TOPS edge NPU
System power	70 W thermal design envelope
Memory	32 GB DDR5
Storage	512 GB NVMe
Networking	3 x 2.5GbE
I/O	HDMI, 2 x USB 3.2, 4 x USB 2.0
Power input	19 V DC
Physical	178 x 116 x 67 mm, 1.3 kg, -20 C to 60 C operating range

SECURITY MODEL

- Local processing boundary for sensitive prompts, documents, and outputs.
- Approved source retrieval with controlled fallback for unsupported questions.
- Policy and safety layer for configured rules, blocks, and human review paths.
- Audit trail for query, source, and output review.

DEPLOYMENT FLOW

1. Sources	Approved documents, records, policies, and operational feeds.
2. Appliance	Local inference and retrieval inside the customer environment.
3. Controls	Retrieval spaces, policy checks, access assumptions, and logs.
4. Outputs	Approved answers, summaries, reports, or workflow handoffs.

Pilot Path & Open Decisions

A pilot should prove the workflow, the governance boundary, and the operating model before production packaging is treated as final.

PILOT TIMELINE

Week 1	Scope workload, data sensitivity, users, success criteria, and site constraints.
Week 2	Prepare source material, access model, pilot prompts, and evaluation cases.
Weeks 3-4	Run representative workflows and capture accuracy, latency, adoption, and risk notes.
Review	Decide production requirements, open risks, and whether the appliance path fits.

PILOT READINESS

- A named executive or operations sponsor.
- A high-value workflow with measurable success criteria.
- Approved documents or feeds for pilot ingestion.
- A small review group that can test outputs against real work.

NOT FINAL YET

- Production enclosure, finish, and mounting options.
- Final pricing, support tiers, and availability windows.
- Exact production configuration by workload.
- Certified deployment partners and procurement path.