

Embedded Computing & PCIe Configuration Questionnaire

Define compute, PCIe, memory, storage, interfaces, environment and lifecycle requirements.

How to use this form

Provide the information already available. Unknown fields may be left blank. Primionics will use the completed form to clarify requirements, compare suitable configurations and prepare the next technical or commercial step.

1. Contact and project identification

Company / organisation *

Contact name *

Email *

Phone

Project / programme name

Site / delivery location

Industry / application area

Date

Known product / manufacturer / model

Internal reference / tender number

Requirement summary - describe the application, current problem and decision required *

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2. Platform and workload

Application and software workload

Operating system / hypervisor / real-time requirement

CPU, GPU, FPGA or accelerator target

Memory capacity, ECC and bandwidth

Storage capacity, interface, endurance and protection

Form factor and mechanical envelope

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3. I/O and PCIe architecture

PCIe generation, lane count and slot topology

Expansion chassis, cable length or multi-host requirement

Ethernet, TSN, CAN, serial, USB, display and other I/O

Synchronization, latency and sustained data rate

Peripheral cards / cameras / instruments to integrate

Power input and thermal design

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4. Qualification and lifecycle

Temperature, shock, vibration, ingress and certifications

BOM control and expected product lifecycle

Security, TPM, secure boot or encryption

Prototype quantity and annual volume

Programme duration and deployment location

Required sample / evaluation / production date

Attach supporting files where useful: specifications, drawings, block diagrams, tag lists, test methods or existing BOMs.

Submission does not create a commitment. Technical and commercial feasibility remains subject to review.