

HARDWARE SYSTEMS ARCHITECTURE

Reference Specification Template
Rev: 2024.01

1. Core Processing

Component	Metric	Spec
CPU	Clock Speed	___ GHz
Cores/Threads	Quantity	___ / ___
L3 Cache	Capacity	___ MB
TDP	Wattage	___ W

2. Memory & Storage

Type	Interface	Capacity
System RAM	DDR5/4	___ GB
Primary OS	NVMe M.2	___ TB
Mass Storage	SATA/SAS	___ TB
Memory Freq	MT/s	___ MHz

3. I/O & Networking

Protocol	Standard	Port Qty
Ethernet	10GbE/1GbE	___
USB Type-C	3.2 / TB4	___
PCIe Lanes	Gen 5.0	___
Wireless	Wi-Fi 7/6E	Active

4. Physical Infrastructure

Attribute	Requirement	Status
Form Factor	ATX / Rack	___
PSU Rating	80+ Gold/Plat	___ W
Thermal Mgmt	Liquid/Air	___
Redundancy	N+1 / N+2	[]

Technical Notes:

Verification Signature:
