

COMPANION WORKSHEET

Chapter 4 — Hardware Inventory

Use a fresh copy from the Companion Package for one existing machine. Do not edit the package template. Record observed values; do not copy sample output or estimate missing capacity.

Do not record serial numbers, MAC addresses, account names, or hostnames. Redact them if a command prints them.

A. Record identity

Date and local time

Non-sensitive system label

Device form factor (desktop / laptop / mini PC / workstation / other)

Operating system and version

Raw evidence file or folder

Commands or physical checks used

B. Processor and architecture

Field	Observed value	Evidence source/path	Qualification or unknown
CPU model			
Architecture			
Physical core count, if reported			
Logical processor count, if reported			

C. System memory

Field	Observed value	Evidence source/path	Qualification or unknown
Installed system RAM			
Currently available system RAM			Snapshot, not installed capacity
Memory arrangement or expansion evidence, if known			

D. Graphics

Duplicate rows when the machine has more than one graphics adapter.

Field	Observed value	Evidence source/path	Qualification or unknown
Graphics adapter identity			Identity does not prove acceleration
Graphics-memory type (dedicated / shared / unified / mixed / Unknown)			
Dedicated VRAM, if reliably reported			Do not substitute shared memory
Already-present vendor report, if any			Missing tooling is not a failure

E. Storage

Duplicate device rows as needed. Do not record storage-device serial numbers.

Field	Observed value	Evidence source/path	Qualification or unknown
Storage device/model and media type, if reported			
Total capacity			Installed capacity
Free space on intended data volume			Current snapshot

F. Network

Duplicate adapter rows as needed. Do not record MAC addresses.

Field	Observed value	Evidence source/path	Qualification or unknown
Adapter identity/type			
Current state			
Reported link rate, if available			Not measured throughput

G. Power

Never open a power supply. A label or manufacturer rating is not measured wall draw.

Field	Observed value	Evidence source/path	Qualification or unknown
Desktop PSU or external adapter rating			Physical/manufacturer evidence or Unknown

Field	Observed value	Evidence source/path	Qualification or unknown
Battery condition/capacity, if applicable			
UPS or circuit constraint already known			
Existing wall-power measurement, if any			External measurement only

H. Material unknowns

List only unknowns that could change the next route.

Unknown	Why it matters later	One bounded next proof	Stop condition

I. Provisional next route

Select exactly one. This is a planning route, not purchase approval.

- ☐ Test current hardware — continue to Chapter 5 before spending.
- ☐ Evaluate one upgrade — name one documented replaceable constraint; Chapters 5 and 7 must still prove fit and cost.
- ☐ Plan a separate build — name the multiple or nonreplaceable constraints; Chapters 5–7 still define requirements and purchase boundaries.

Evidence supporting this route:

Material unknowns that could reverse it:

Invalidation condition:

J. Bounded conclusion

Inventory established:

Inventory did not establish: model fit, supported platform lane, working GPU acceleration, measured performance, measured power draw, or purchase need.