

COMPANION WORKSHEET

Chapter 9 — Acceleration Proof

Use this worksheet after a Chapter 8 verdict of Ready for Chapter 9. It records the host accelerator-path observation for the inherited Chapter 6 lane. It does not install applications, prove runtime placement, prove performance, or reopen platform or purchase decisions.

Work from a fresh copy. Preserve evidence paths. Use TBD for an unfilled field and Evidence missing for a load-bearing unknown.

A. Freeze the inherited decision and host

Chapter 8 worksheet path

Chapter 8 finite verdict
must be Ready for Chapter 9 or stop

Named host label

Local recovery path still valid
Yes / No / Evidence missing

Selected Chapter 6 lane tuple

Inherited observation target

Inherited acceptance criteria

Inherited invalidation condition

Official documentation status

Edition-test status

Evidence snapshot date

If Chapter 8 is not Ready for Chapter 9, or local recovery is not Yes, stop.

B. Name the software layers

Host driver or compute interface to be observed

Runtime that will later place work, if already selected

Application layer left uninstalled
Yes / Evidence missing

Container toolkit required later
Yes / No / Not applicable

C. Choose the observation path

Use the exact family procedure that matches the inherited lane.

Observation family — NVIDIA `nvidia-smi` / AMD `rocm_info` / Apple System Information / Windows-WSL official GPU path / CPU-only system memory / Evidence missing

Official command or procedure name

Official documentation path

Windows-WSL official procedure, if that family is selected — confirm Windows 11 or Windows 10 21H2 or higher; confirm the inherited WSL distribution is installed; install the Windows-side vendor driver named on Microsoft's GPU-compute page; then run the inherited family's host-visibility command inside that WSL distribution (`nvidia-smi` for NVIDIA). Do not use Docker, CUDA containers, or DirectML samples as the Chapter 9 observation. If WSL cannot see the device after those host steps, record that result: TBD / Not applicable

Why this is not a platform contest

D. Record device or interface visibility

Device or interface visible to the host
Yes / No / Evidence missing

Exact observation retained

Why visibility is not runtime placement

E. Record lane-appropriate memory and pending placement

Runtime placement — Pending / Evidence missing (do not record all-GPU / mixed / all-CPU here unless the runtime already exists for an honest independent reason)

Lane-appropriate memory value

Units

What this value represents — device memory reported by vendor tool / ROCm agent pool size / System Information hardware figure / Metal recommended working-set approximation / unified-memory flag / system memory / Evidence missing

Why this does not redo Chapter 5 fit arithmetic

F. Assign one host-path verdict

Allowed verdicts are exactly Observed as expected, Contradicted, Blocked, or Evidence missing.

Finite verdict

Binding reason

Next proof — Chapter 10 container visibility only after host-path Observed as expected; otherwise named gap or Chapter 11 runtime placement

Invalidation condition

Observed as expected means the host accelerator path was seen. It is not permission to install Ollama, Open WebUI, or a measured performance claim, and it is not runtime-observed placement.

Deterministic self-check

- ☐ Chapter 8 Ready for Chapter 9 and local recovery exist, or the sheet stops.
 - ☐ The Chapter 6 lane and Pending proof target were consumed, not replaced.
 - ☐ Driver, runtime, and application layers are named separately.
 - ☐ Observation path matches the inherited family and names an exact official procedure.
 - ☐ Device visibility is recorded without claiming placement.
 - ☐ Memory records value, units, and meaning.
 - ☐ Runtime placement remains Pending or Evidence missing.
 - ☐ No application install or performance number is claimed.
 - ☐ Exactly one allowed proof verdict is recorded.
 - ☐ Chapter 10 is not started from a load-bearing Evidence missing host-path field.
- Chapter 9 stops here. Container-device visibility, inference, and the chat application occur only under later chapters.