

CurXor OS — Operator Quick Reference

curXor · MINISFORUM MS-S1 MAX · Ubuntu 24.04 · Sovereign Edge · Local LLM

Chassis badge: [docs/assets/CurXor-Hardware-Badge.svg](#)

Print this card at the rack. Expanded quick start: [guides/00-quick-start.md](#)

Access

What	Where
Dashboard (laptop / COMMAND cable)	<code>http://10.0.0.1:3080/home</code> (use <code>http://</code> not <code>https://</code>)
Laptop IP (COMMAND cable)	<code>10.0.0.2/24</code> · no gateway · DNS automatic · Wi-Fi keeps internet
Laptop setup (Windows, once)	<code>powershell -ExecutionPolicy Bypass -File .\scripts\install-laptop-command-port.ps1</code> (Administrator)
Re-apply routing	<code>.\scripts\setup-laptop-command-port.ps1</code>
SSH	<code>ssh curxor</code> Or <code>ssh ankur@10.0.0.1</code> (HostName <code>10.0.0.1</code> in <code>~/.ssh/config</code>)
Dashboard (on-box display, optional)	<code>http://127.0.0.1:3080</code>
FRE wizard	<code>/setup</code> (first boot)
The Forge	<code>/forge</code> (legacy <code>/claw-forge</code> → redirect)
System Health	Header → OTA log + compute metrics

Daily loop: Wi-Fi on + COMMAND cable in → open `http://10.0.0.1:3080/home` → `ssh curxor` for logs/deploy. No need to unplug cable for internet after split-route install.

Network (MS-S1 MAX verified)

Role	Iface	IP
Command Port	<code>enp98s0</code>	<code>10.0.0.1</code>
Egress Port	<code>enp97s0</code>	<code>10.77.0.1</code>

Mesh: vision **9100/9101** · motor **9200/9201**

Unplug Egress → no outbound trades/posts. LLM stays on localhost.

Desk crew(routes)

Route	Name
<code>/forge</code>	The Forge
<code>/my-capital</code>	Capital
<code>/my-content</code>	Creator
<code>/my-work</code>	Outreach
<code>/my-shop</code>	Arbitrage
<code>/optimus</code>	Signal
<code>/robotaxi</code>	Swarm
<code>/crew-cafe</code>	Crew Cafe

Local LLM

Step	Command
Pro 128 profile	<code>sudo cp ../config/compute.env.pro128.example /etc/curxor/compute.env</code>
Deploy (first boot)	<code>sudo ../pillar-1-compute/scripts/deploy.sh --pull-models</code>
Verify	<code>curl -sf http://127.0.0.1:11434/api/tags</code>
Restart	<code>sudo systemctl restart curxor-compute</code>

Default stack: moondream:1.8b + qwen3.5:9b · Pro 128 adds extras via OLLAMA_EXTRA_MODELS

Dashboard fallback if Ollama down: rule-based chat still works.

UMA: free -h may show ~15 Gi on 64 GB SKU with 48 GB GPU heap — normal.

Health (one line)

```
systemctl status curxor-os.target && curl -sf http://127.0.0.1:3080/api/setup/
```

Start / stop

```
sudo systemctl restart curxor-os.target
journalctl -u curxor-engine -f
journalctl -u curxor-dashboard -f
```

First boot

SKU	BIOS UMA	Env
Standard 64 (\$3,999)	MAX (~48 GB)	CURXOR_TOTAL_RAM_GB=64 · CURXOR_GPU_HEAP_GB=48
Pro 128 (\$4,999)	MAX (~96 GB)	CURXOR_TOTAL_RAM_GB=128 · CURXOR_GPU_HEAP_GB=96

- BIOSUMA MAX
- sudo find /opt/curxor -name '*.sh' -exec dos2unix {} + (after Windows scp)
- sudo /opt/curxor/scripts/install-all.sh
- sudo .../deploy.sh --pull-models
- Part 4 cables + setup-captive-portal.sh / setup-mesh-network.sh
- Dashboard → http://10.0.0.1:3080/home

Key paths

Path	Purpose
/etc/curxor/compute.env	Ollama/vLLM
/etc/curxor/dashboard.env	UI + inference client
/etc/curxor/digital.env	Alpaca / X keys (Egress bridges)
/etc/curxor/fre-state.json	Global FRE
/etc/curxor/claw-profiles.json	Forged crewmates

When things break

Problem	Try
No inference	<code>curl :11434/api/tags</code> · <code>restart curxor-compute</code>
Broker crash loop	<code>pyzmq 27 TCP_NODELAY</code> — see UNBOX-FIELD-LOG.md
No mesh / SSE empty	<code>enp97s0 @10.77.0.1</code> · <code>systemctl status curxor-telemetry-broker</code>
dnsmasq won't start	<code>bind-dynamic conflict</code> — <code>re-run setup-captive-portal.sh</code>
Laptop loses internet on cable	No gateway/DNS on COMMAND · <code>run install-laptop-command-port.ps1</code> · <code>re-run setup-captive-portal.sh</code> on box Wildcard DNS on box —
<code>google.com</code> → <code>10.0.0.1</code>	<code>grep address=/#/</code> <code>/etc/dnsmasq.d/curxor-captive.conf</code>
Browser “down” but SSH OK	Use <code>http://</code> not <code>https://</code> · incognito / restart browser
SSH fails	<code>HostName 10.0.0.1</code> in <code>~/.ssh/config</code> (not <code>192.168.86.211</code>)
TCP fails, L2 looks OK	Box reboot · <code>ip neigh show</code> <code>dev enp98s0</code> for <code>10.0.0.2</code>
<code>bash\r</code> after <code>scp</code>	<code>dos2unix</code> on script
Stuck on <code>/setup</code>	Reset FRE — Installation guide