

2026 Local LLM Build Guide ? sample

Free preview of the under-USD-1000 band. The other bands are the paid guide.

Global prices (USD), EUR available. USD figures are an estimate: catalog EUR incl. VAT ? FX_EUR_USD (default 1.1195, the ECB reference on 2026-10-14 (<https://data-api.ecb.europa.eu/service/data/EXR/D.USD.EUR.SP00.A>)). A price without a checked listing is marked price unverified (sourceUrl is null).

Under USD 1000, using that conversion on indicative catalog prices:

- GeForce RTX 3060 12GB: EUR 280 indicative (?280), about USD 313. 12 GB vram. price unverified. sourceUrl is null. Dated 2026-10-14. Card only. 12 GB covers 7B?8B and is tight for 14B Q4.
- GeForce RTX 4060 Ti 16GB: EUR 460 indicative (?460), about USD 515. 16 GB vram. price unverified. sourceUrl is null. Dated 2026-10-14. Card only. A lot of VRAM for the power draw, but a narrow bus: 288 GB/s.
- Mac mini M4 16GB: EUR 549 indicative (?549), about USD 615. 16 GB unified. price unverified. sourceUrl is null. Dated 2026-10-14. Quiet and cheap for 8B Q4. Not for 32B or 70B.
- GeForce RTX 3090 24GB: EUR 720 indicative (?720), about USD 806. 24 GB vram. price unverified. sourceUrl is null. Dated 2026-10-14. Used card only. 24 GB and a wide bus. One card is not enough for 70B Q4.
- Mac mini M6 16GB: EUR 799 indicative (?799), about USD 894. 16 GB unified. price unverified. sourceUrl is null. Dated 2026-10-14. Current entry mini. Fine for 8B, too tight for 32B.
- Budget PC with RTX 3060 12GB: EUR 890 indicative (?890), about USD 996. 12 GB vram. price unverified. sourceUrl is null. Dated 2026-10-14. Entry point for 8B and, just barely, 14B Q4. The card is mostly second-hand.

Open the calculator: </?budget=1000>