TECHNICAL SHEET · NOVEMBER 2026

Colibri System Requirements

Colibri runs entirely on your own hardware. **Searching and browsing** an analysed collection is light and runs on any current laptop. **Importing and analysing** new media uses the AI models intensively and benefits from plenty of memory and a strong graphics unit.

PLATFORMS

macOS

macOS 14 (Sonoma) or later, **Apple silicon** only (M1 or newer). There is no Intel version. All AI computation runs on Metal, and the unified memory doubles as graphics memory.

Windows

Windows 10 (21H2) or **Windows 11**, 64-bit (x64), no ARM64. NVIDIA via CUDA (driver 570 or newer), Intel Arc and AMD via Vulkan, or CPU only. Setup downloads only what the machine needs: about 265 MB, or about 2 GB with NVIDIA.

Network

Colibri needs the internet for installation, the **one-time download of the AI models** and updates, and optionally for syncing between devices and for sources such as SharePoint or OneDrive. Analysis, search and asking the collection run **fully offline**. Media and analysis results never go to Colibri or third parties.

SEARCHING AND BROWSING

COLLECTION ALREADY ANALYSED

	MINIMUM	IDEAL
Mac	M1, 16 GB unified memory	M2 Pro or M2 Max or newer, 32 GB or more
Windows	x64 processor with 4 cores, 16 GB RAM, graphics card optional	8 cores or more, 32 GB RAM, NVIDIA graphics card with 8 GB or more graphics memory (or Intel Arc / AMD via Vulkan)
Disk space	App and required models: about 6 GB, Windows with NVIDIA about 8 GB	Plus the answer model for “Ask your collection” (2.5 GB) and translation language pairs as needed: about 8 to 12 GB
Screen	1440 × 900	1920 × 1080 or larger

In practice: Search itself uses about 2.3 GB of models and runs smoothly on the minimum setup, with first hits after 0.1 to 0.4 seconds and the final ranking after 1 to 1.5 seconds. “Ask your collection” additionally loads a 2.5 GB answer model. This works with 16 GB, but becomes noticeable while a large collection is open (150 films take up about 2.2 GB of memory).

SYSTEM REQUIREMENTS

Import and analysis

BRINGING IN AND INDEXING NEW MEDIA

On import, Colibri reads every file once in full: images and videos are described, speech is transcribed and translated, documents are read, and faces are recognised and grouped into people. This is the most compute-intensive step. After that, the setup on page 1 is enough for everyday work.

	MINIMUM (WORKS, SLOWLY)	IDEAL (SPEED FOR ARCHIVES AND PRODUCTION)
Mac	M1 or M2, 16 GB unified memory	M1 Max, M2 Max, M3 Max or newer with 32 to 64 GB The unified memory is also the graphics memory. Thanks to memory management, a full analysis uses about 10 to 12 GB.
Windows	Processor with 6 cores, 16 GB RAM, NVIDIA graphics card with at least 8 GB graphics memory With Intel Arc or AMD, part of the analysis runs on the graphics card and the rest on the CPU. It also works without a graphics card, only considerably slower.	8 to 16 cores, 64 GB RAM, NVIDIA RTX with 12 to 16 GB graphics memory or more
Disk space	25 GB free The full model set takes about 22 GB when all functions and language pairs are enabled.	Fast SSD with 50 GB or more free Depending on length, collections need about 1 MB (short clip) to 12 MB (feature film) per video (previews, keyframes, vectors) and well under 1 MB per photo or document.
Originals	Any local or external storage, including NAS By default, originals are only referenced, not copied. They stay unchanged where they are.	SSD or fast NAS For video imports, the read speed of the storage sets the pace.

In a team: One strong machine analyses, and the results sync to the other devices. Laptops that only search then need just the setup on page 1. Network shares are read directly, and if a drive is not connected, the collection stays searchable.

AT A GLANCE

16 GB
Minimum
Searching, browsing and asking the collection on any Apple silicon Mac or Windows PC with 4 cores.

32 GB
Workstation
Smooth search, analysis at a usable pace. Mac from M2 Pro, Windows with NVIDIA.

64 GB
Analysis machine
Large holdings at production speed. Mac with M-series Max, Windows with NVIDIA RTX from 12 GB.

0 bytes
leave the building
Analysis and search without internet. Media and results go neither to Colibri nor to third parties.