

Technical Specifications

Technology

Processor: Up to 15TOPS, with CPU, GPU and NPU

CPU: Octa-core Kryo 585, 64-bits1 xKryo585 Gold Prime @ 2.842 GHz3 xKryo585 Gold @ 2.419 GHz4 xKryo585 Silver @ 1.805 GHz

GPU: Adreno 650 @ 587 MHz - 4K@60 fps

Chipset: Qualcomm SG865W-WF

Video Decoder: 4K @ 240 fps; 8K @ 60 fps

Storage

RAM Memory: UFS 64 GB + 8 GB LPDDR5

External Memory: NVMe 1 TB

Network

Wi-Fi: 2,4 and 5GHz, Wi-Fi 6, 2x2 MIMO

Bluetooth: 5.1 (BR/EDR + BLE)

Communication

USB: 4 inputs (2x USB-C + 2x USB-A)

HDMI: Yes (with low vision output)

Speaker: 1W

Stereo Headphones: Yes

Headset: Yes

USB Power Delivery: 1 input

Possible Outputs

Braille display: 40 braille display

Braille cursor: Double touch cursor = 40 keys to cursor positioning + 40 keys for voice feedback

Voice: High-quality Brazilian Portuguese synthesizer (TTS-HD)

Image: 4" built-in graphic LCD

Vibration: For notifications

Battery

Battery Life: 8 hours

Charging: 3 hours @ 80% charge

Charger: UBS-C @ 3.000 mAh

Interchangeable Input Keyboards

Braille keyboard: 6 or 8-dot braille

QWERTY keyboard: Magnified in high contrast

Screens

Integrated: 4-inch graphic LCD

HDMI output: For connections to conventional screens

File Format

Extensions: PDF; TXT; BRL; BRF; MP3; ePub; Daisy; WAV; OGG; JPG; BMP; PNG; ZIP; ZBK

Cameras

Camera: 16 Megapixel camera with a 90° FOV and autofocus, automatic brightness, LED for night reading, automatic exposure for capturing A4 sheets in portrait or landscape position. Supports book mode

Size and Weight

Size: 3,1 cm x 30,1 cm x 13,4 cm

Weight: 1,5 kg

Other Features

Durability: With rubber side dampers against drops or mechanical shocks (produced in Nylon with fiberglass and aluminum), protective carrying case, electrical durability against drops (fully encapsulated braille cells)

Security: Security: Kensington-type

Overview

Warranty: 1 year

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Liber 2026.AI

The Brazilian patented, designed and developed Liber is the most complete accessible braille computer, specially programmed to support the teaching of the Braille and informatics in early school classes, as to support the intellectual development in a school environment through to university.

Liber is available in 2 interchangeable versions: **Liber Braille 2026.AI** and **Liber Mag 2026.AI** both with a high-end Qualcomm processor up to 15 TOPs from an Octa-core Kryo 585 of 64 bits, digital camera high-resolution wide-view and 1TB of internal memory.

In both Libers 2026.AI as a personal assistant you can create your files, digitalize printed texts, share emails, chat with your contacts, listen to your favourite books, and browse the internet, all through a single device with audio, braille, vibration or enlarged text feedback.

The newest Liber 2026.AI innovates once again by reading handwritten text, describing images, and creating an educational dialogue with the student: can talk with or write to the Liber's braille keyboard about everything a student needs to know, using the latest-generation AI.



17 Liber features

- Scan Text
- Editor
- Files
- Calculator
- Magnifier
- Playlists
- Recorder
- Learning Braille
- Educational Games
- Contacts
- E-mail
- Internet
- Digital Books
- Print Braille
- AI Chat
- Classroom Mode
- Test Mode



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Liber Braille 2026.AI

- Accessible braille computer with an Octa-core Kryo 585, 1 TB hard disk and 64GB + 8GB of internal memory
- Braille, audio, vibration and magnified text feedback
- HDMI connection for an external monitor with direct enlarged and high-contrast text, for low vision people to follow
- 4-inch LCD screen for teachers and parents to monitor student activity
- Braille Learning function to practice braille knowledge
- 16 MP camera attached to the movable arm through embedded OCR software allows Liber to read digitized text in any document, at anytime even when offline
- Educational Games to learn interactively
- File management in internal and external memories (C or USB thumbdrives)
- Math calculator, scientific calculator, and statistical calculator
- Read digital books in Daisy and ePub format
- Audio Play in MP3, WAV, and OGG
- Audio Recording for classes, group meetings or simple notes
- Access your emails
- Browse the Internet
- Different ways to personalize the Liber for different user modes (beginner, intermediate and advanced)
- File management for PDF; TXT; BRL; BRF; MP3; ePub or ZIP files among others
- Includes Curtlo Brazilian quality famous carrying case

And specially on **2026.AI** version:

- AI sourcing to describe digital pictures in JPG; BMP or PNG saved files
- AI-Chat to help sourcing and collect educational information
- AI handwriting OCR for clear reading of a family postcard with our built-in camera
- Imagine to ask to AI to make a summary of a saved classroom
- Or show a restaurant menu and dialog about "How many salads the menu has?" or directly ask: "what is the price of the Ceaser Salad?"



Liber Braille 2026.AI includes:

- 40-cell braille display
- Dual touch cursor (one for braille support, another for audio feedback)
- Standard 8-key Perkins-style braille keyboard
- Audio, braille and vibration feedback
- High contrast magnified output on HDMI

Liber Braille 2026.AI

Liber Mag 2026.AI



Liber Mag 2026.AI includes:

- Audio, vibration and magnified feedback
- High contrast magnified QWERTY keyboard
- Includes a 10" Liber monitor with battery
- High contrast magnified output on HDMI

Liber Mag 2026.AI