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📱 Mobile Phone Brand Evaluation Table

Brand: Cubot
Model Evaluated: Cubot X70

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1. Performance

Criteria	Evaluation
Processor / Chipset	MediaTek Helio G99 (6nm, Octa-core, efficient mid-range chipset)
CPU Speed & Efficiency	Up to 2.2 GHz, good balance between performance and power saving
GPU Performance	Mali-G57 MC2 – suitable for casual and moderate gaming
RAM Capacity & Type	12GB RAM (LPDDR4X)
Storage Type & Speed	256GB UFS 2.2 (faster than eMMC, slower than UFS 3.x)
Thermal Management	No advanced cooling system; moderate throttling under heavy load
Real-World Performance	Smooth for daily use, browsing, social media, and apps
App Launch Speed	Fast due to high RAM
Multitasking Ability	Excellent (12GB RAM handles many apps)
Gaming Performance	Medium settings stable; heavy games may drop FPS
Heat Generation	Slight warming during long gaming sessions
AI / NPU Performance	Basic AI features; no dedicated high-end NPU

2. Display

Criteria	Evaluation
Display Type	AMOLED
Screen Size	6.58 inches
Resolution	Full HD+ (2400 × 1080)
Refresh Rate	120 Hz
Touch Sampling Rate	~240 Hz (good responsiveness)
Brightness	~500 nits typical
Color Accuracy	Good AMOLED colors, supports DCI-P3 partially
HDR Support	HDR10 (basic)
Screen Protection	Gorilla Glass (version not specified)
Screen-to-Body Ratio	~90%
PWM / Flicker	Moderate; AMOLED flicker may affect sensitive users

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3. Camera System

Rear Camera

Feature	Evaluation
Number of Lenses	Triple camera
Main Sensor	100 MP (Samsung sensor)
Sensor Size	Medium size (not flagship-level)
Aperture	f/1.8
Stabilization	EIS (no OIS)
Telephoto Zoom	No optical zoom
Low-Light Performance	Average; night mode helps

Feature	Evaluation
Video Recording	4K @ 30fps
Video Stabilization	Basic electronic stabilization
Image Processing	Standard HDR, Night mode

Front Camera

Feature	Evaluation
Sensor	32 MP
Autofocus	✗ No
Portrait Mode	Software-based, decent edge detection
Video	1080p

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4. Battery & Charging

Criteria	Evaluation
Battery Capacity	5000 mAh
Real-World Endurance	1.5 days moderate use
Charging Speed	33W wired fast charging
Charging Standard	USB-PD
Wireless Charging	✗ No
Reverse Charging	✗ No
Charger in Box	☑ Yes
Battery Longevity	Average; no smart battery optimization

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5. Software / OS

Criteria	Evaluation
Operating System	Android
OS Version at Launch	Android 13
Major OS Updates	1 major update
Security Patches	~2 years
UI / Skin	Near-stock Android
Bloatware	Minimal
Ads	✘ No
Customization	Basic Android customization
Preinstalled Apps	Minimal, mostly Google apps
Smoothness Over Time	Stable, but long-term updates limited

6. Build Quality & Design

Criteria	Evaluation
Material	Glass front, plastic back
Durability	Average
Weight	~190g
Thickness	~8.5 mm
IP Rating	✘ None
Buttons & Haptics	Decent but not premium
Ergonomics	Comfortable grip
Aesthetic Design	Modern, simple

Criteria	Evaluation
Foldable Durability	Not applicable

7. Connectivity

Criteria	Evaluation
5G	✗ No
4G LTE	Wide band support
Wi-Fi	Wi-Fi 5
Bluetooth	Bluetooth 5.2
NFC	☑ Yes
GPS	GPS, GLONASS, Galileo
USB Type	USB-C
USB Speed	USB 2.0
SIM Support	Dual SIM
IR Blaster	✗ No
Headphone Jack	✗ No

8. Audio

Criteria	Evaluation
Speakers	Stereo
Bass & Mid	Average
Loudness	Good
Microphone	Clear voice capture

Criteria	Evaluation
Noise Cancellation	Software-based
Hi-Res / Dolby	✘ No
Call Quality	Clear and stable

9. Storage & Memory Options

Criteria	Evaluation
Available Variants	12GB + 256GB
Expandable Storage	✘ No
Storage Reliability	Stable
RAM Management	Good due to high RAM

10. Security

Criteria	Evaluation
Fingerprint Scanner	In-display optical
Face Unlock	2D face unlock
Hardware Security	Standard Android security
Biometric Speed	Fast
Software Security	App permissions, sandboxing

11. Price & Value

Criteria	Evaluation
Price-to-Performance	Very good
Long-Term Value	Moderate

Criteria	Evaluation
Resale Value	Low
Competitors	Redmi Note series, Realme, Infinix

12. Special Features

Feature	Evaluation
Stylus Support	✗ No
Foldable Tech	✗ No
Satellite SOS	✗ No
Gaming Features	Basic
Desktop Mode	✗ No
AI Features	Basic photo enhancement

13. Accessories & Ecosystem

Criteria	Evaluation
Ecosystem Compatibility	Works with Android devices
Accessories Availability	Limited
Wireless Sharing	Nearby Share
Smart Home	Google Home support

14. Reliability & Brand Support

Criteria	Evaluation
Brand Reputation	Budget-focused, growing

Criteria	Evaluation
Customer Service	Limited
Repair Centers	Few in some regions
Warranty	1 year
Spare Parts	Limited availability
Repairability	Medium-low

Conclusion

Cubot X70 is a **budget-friendly smartphone** offering:

- High RAM
- AMOLED display
- Strong battery life
- Clean Android experience

However, it lacks:

- 5G
- Strong camera stabilization
- Long-term software support