

10.1-inches Dual-Screen Translator Product Specification

Product Model XC-GGJ10100

Appearance Image



Product Description

Type	Details	Description
Form Factor	Product Form	Open hardware platform, native Android system (software customization supported)
	Dimensions	/
LCD	Screen Size	10.1" dual-screen independent display
	Screen Resolution	1280*800 MIPI display
TP	Touch Screen	COF G+G 40pin
Indicator Light	Indicator	Two-color LED: Red=charging, Blue=fully charged or data transfer
Battery	Type	18650 5PIN
	Capacity	3.7V/8000mAh

System Hardware Configuration

Type	Details	Description
Processor	Chipset	RK3572
CPU	Architecture	2*Cortex-A73
GPU	Type	6*Cortex-A53
NPU	Computing Power	4TOPS (INT8)
RAM	DDR4	4G
ROM Flash	Nand Flash	32GB
Camera	Front	Front 5MP / Rear 5MP (GC05A2 sensor, differentiated by software)
Speaker	Built-in	Supports 4ohm 5W x2
MIC	MIC	4-mic array PDM, supports voice wake-up (shares XF4 small board)

Network Connectivity

Type	Details	Description
Wi-Fi	Wi-Fi	Wi-Fi 6
BT	BT	Supports BT 5.4

Mini PC Buttons		
Type	Details	Description
Button	Power Key	YES
Button	Volume -	YES
Button	Volume +	YES
Button	Mute Key	YES
Interface Configuration & Accessories		
Type	Details	Description
RJ45	Network	Ethernet
USB Port	Type-C Port	Type-C data transfer
Button	Reset Key	YES
Standard Accessories		
Power Adapter	Standard	Input: 100-240V 50/60Hz, 5V/2A
Software Configuration		
Type	Details	Description
Operating System	OS Version	Android 16.0
	Language	Chinese (multi-language support)
Voice Recognition Parameters		
Type	Specification	Details
Spec	Voice Wake-up	Voice wake-up at approx. 5 meters
	Microphone Count	MIC x4 pcs, supports voice wake-up
	Voice Wake-up from Sleep	Sleep power consumption 1.8W, shutdown power <8.4mW
	Wake-up Distance	>5 meters
	False Wake-up Rate	<3 times / 10 days
	Wake-up Success Rate	2m wake-up rate > 95%, 3m wake-up rate > 90%
	Custom Wake Word	TBD
	Ambient Noise Suppression	>20dB (dynamic)
	Signal-to-Noise Ratio	SNR > 65dB
	Sound Source Localization	180 (horizontal)
	Localization Accuracy	+/- 30 (horizontal)
	Playback Interruption	Any interruption, continuous wake-up
	Sensitivity	> -42dBV @94dB 1kHz
	Echo Cancellation	Supports mono echo cancellation
	Recognition Success Rate	1m recognition rate > 95%, 3m recognition rate > 90%
	Interface	PDM

Translation Software Parameters		
Type	Specification	Details
Language Capability	Online Languages	mainstream languages for two-way translation, including Chinese-English, Chinese-Japanese, Chinese-Korean, Chinese-French, Chinese-German, covering spoken & wr
	Language Memory	Auto-remembers last used language pair, applies on boot; supports custom favorites
Speech Translation	Real-time Listening	Supports two-way real-time voice listening, auto sentence segmentation and real-time translation without manual keypress
	Speech Recognition	Recognition latency <= 500ms; translation output <=500ms, no lag in conversation
	Dual-screen Display	Main screen shows original text + translation + controls; secondary screen shows bilingual comparison in large adaptive font
	Voice Playback	Bidirectional playback of original + translation, independently muteable, adjustable speed & volume
Translation History	Auto-save	Auto-saves all records incl. speech & text translation, with original, translation, time & language type
	Record Classification	Supports categorized viewing, keyword search, single delete, batch clear
	Local Saving	Supports local export, compatible with Android 16 file management, no permission errors
	Retention Period	Not auto-cleared on boot; supports manual cleanup cycle (7 days / 30 days)
Process Drawing		
		