

Model Name : ESY-A0702

7-inch Rockchip RK3576 Panel PC

Revision History

Date	Revision	Page	Content	By
2026/9/15	0.1	All	First Draft	Nick Liu

ACT POWER TAIWAN
Preliminary

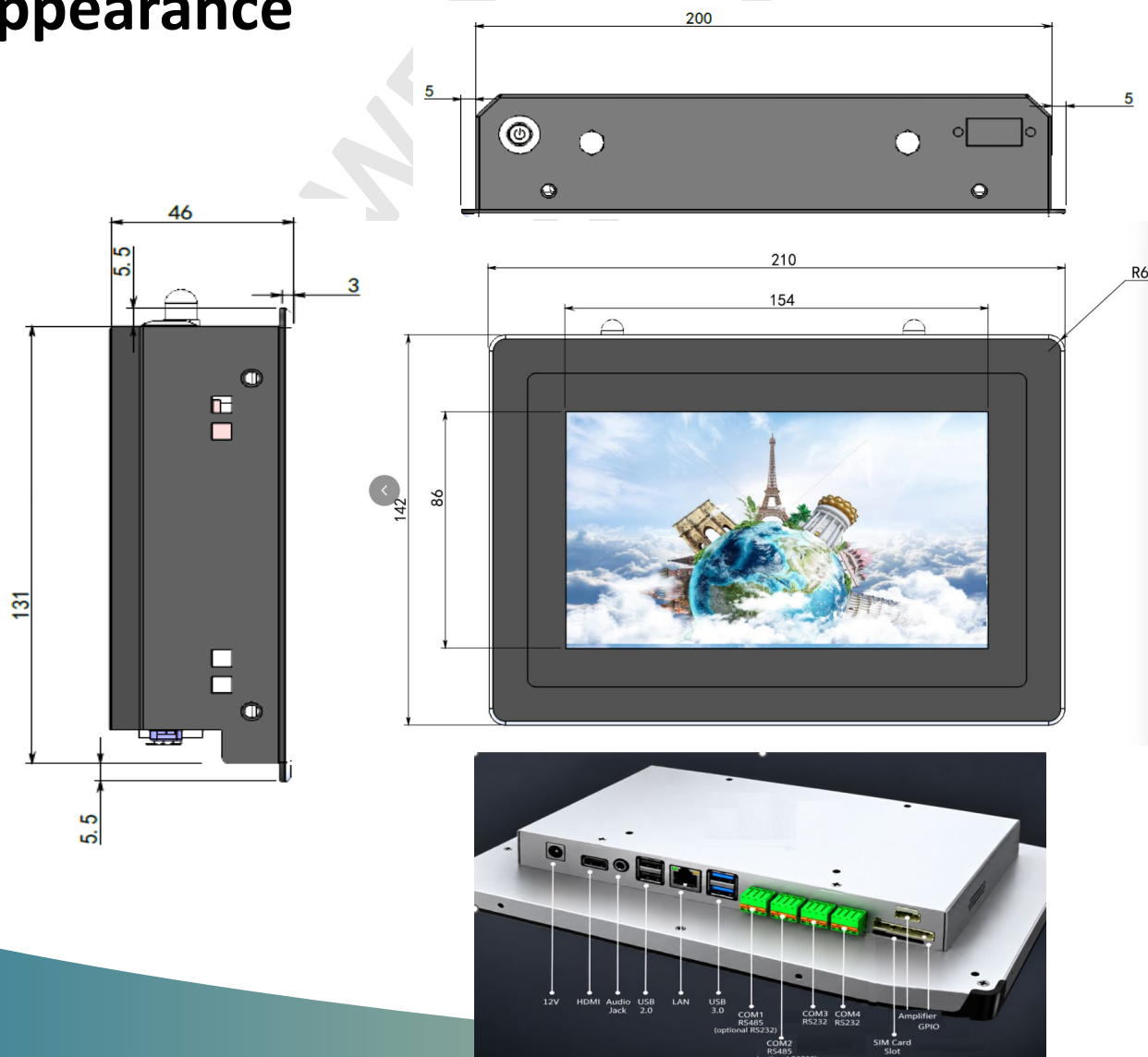
ESY-A0702

7-inch Rockchip RK3576 Panel PC

Features

- 7-inch Panel PC based on the RK3576 platform
- Dual Gigabit Ethernet-2 × 1000 Mbps LAN
- Flexible Serial I/O Expansion for RS485 and RS232
- Multiple display interfaces: eDP / LVDS / MIPI / HDMI
- Suitable for front mount installation
- IP65 waterproof protection for surface

Appearance



ESY-A0702

7-inch Rockchip RK3576 Panel PC

Specification

System	
CPU / NPU	Rockchip RK3576, 4 x Cortex-A72 + 4 x Cortex-A53, up to 2.2GHz; 6 TOPS NPU
Memory	LPDDR4X 4GB standard
Storage	eMMC 32GB
Display Interfaces	1 x eDP, 1 x LVDS, 1 x MIPI, 1 x HDMI 2.0 output up to 4K@60Hz
Network	2 x 1000 LAN
USB	2 x external USB 2.0, 1 x external USB 3.0 OTG, additional internal USB 2.0 headers
Serial / Control	COM1 / COM2: RS485 (optional RS232); COM3 / COM4: RS232
LCD Panel	
Panel Size	7-inch
Backlight	LED Backlight
Lifetime	50,000 hours
Touch Screen	
Touch Type	Capacitive Multi Touch Screen, Black print surrounding
Surface Hardness	≥5H
Surface Treatment	AG/AR
Housing	
IP Rating	IP65 Front
Material	Aluminum

ESY-A0702

7-inch Rockchip RK3576 Panel PC

Environment Compliance

Operating Temp.	-10°C to +70°C
Storage Temp.	-20°C to +70°C
Certifications	CE/FCC/RoHS, applied after sample confirmation.

Environmental performance may vary according to the integration method or final integration scenario.

Deliverables

No.	Item
1	7-inch Rockchip RK3576 Panel PC
2	12V Power Adapter
3	Buckle and Screw 4 sets

Ordering Information

Model Name	Description	Unit
ESY-A0702	7-inch Rockchip RK3576 Panel PC	1