

PC-1010R

CAPACITIVE TOUCH DISPLAY


- 

1000NITS

1000 nits High Bright
- 

Auto Dimming
- 

1280x800

Multi Points Touch
- 

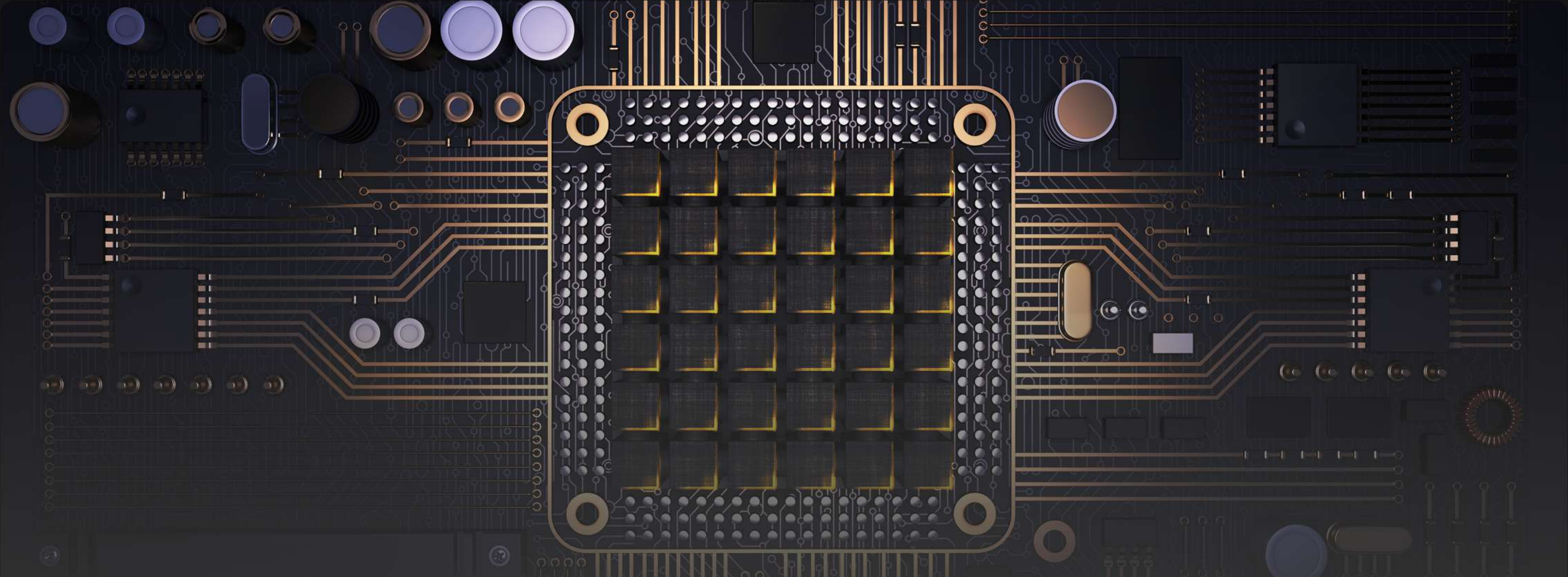
Rich Interfaces
- 

ISO7637-2
- 

Android 10

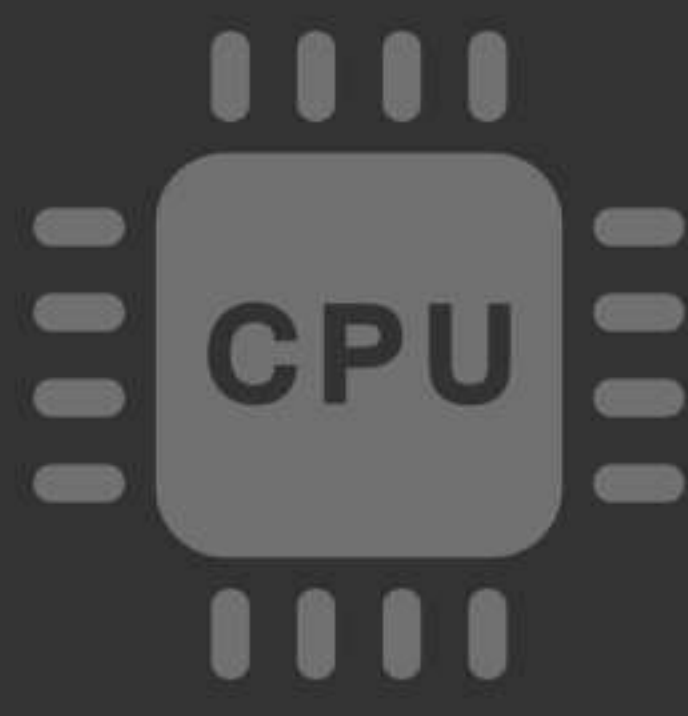
10.1” ANDROID PANEL PC

This is an Android 10 OS Panel PC with a 10.1” capacitive touch function, and 1000 nits LED screen, which comes with rich interfaces and ABS plastic housing. This device can be connected through LAN, WiFi, Bluetooth and contains transmission interfaces (GPIO, RS232, etc) to be controlled by software.



RK3288 Cortex-A17

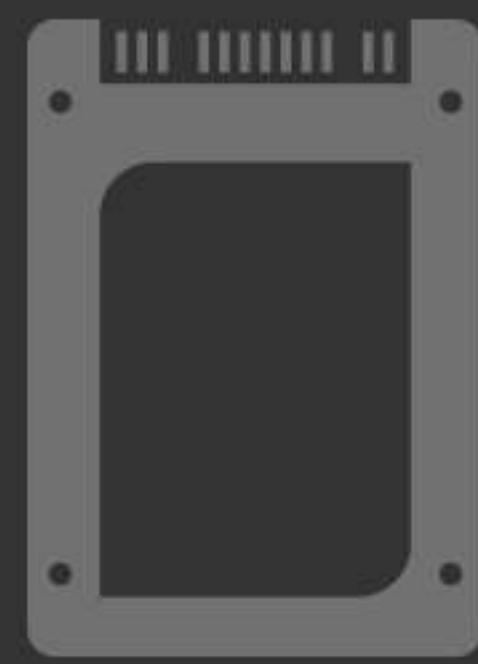
RK3288 offers extensible, leading performance, long-standing heritage platform, ideally suited for panel PC solution. The platform is integrated with a Quad-Core Cortex-A17 which up to 1.8GHz. Abundant interfaces provide friendly solution for development. Furthermore, the power consumption is optimal for applications such as imaging/video, communication and performance audio, etc.



CPU
Rockchip RK3288 Cortex®-A17 1.8GHz
Quad-Core processor



Android OS
Android 10 operation system



Memory
RAM: 2GB LPDDR3
ROM: 16GB eMMC



Bluetooth
5.0, 2402MHz~2480MHz



Wi-Fi
802.11a/b/g/n/ac, 2.4 GHz & 5 GHz



GNSS
GPS / GLONASS



Cellular Network
LTE, HSPA+, UMTS, EDGE, GPRS, GSM



Font Camera
5.0 MP front camera.

*Tips: Bluetooth & Wi-Fi, Cellular Network, GNSS and Front Camera functions are optional items.

10.1" High-Bright Display

The 10.1" 16:10 LCD panel with 1280×800 HD resolution, 1000:1 contrast, 170° viewing angles, 1000 nits brightness, which offers outstanding viewing experience.



DC Power In

1000M LAN

MicroSD Card Slot

HDMI Output

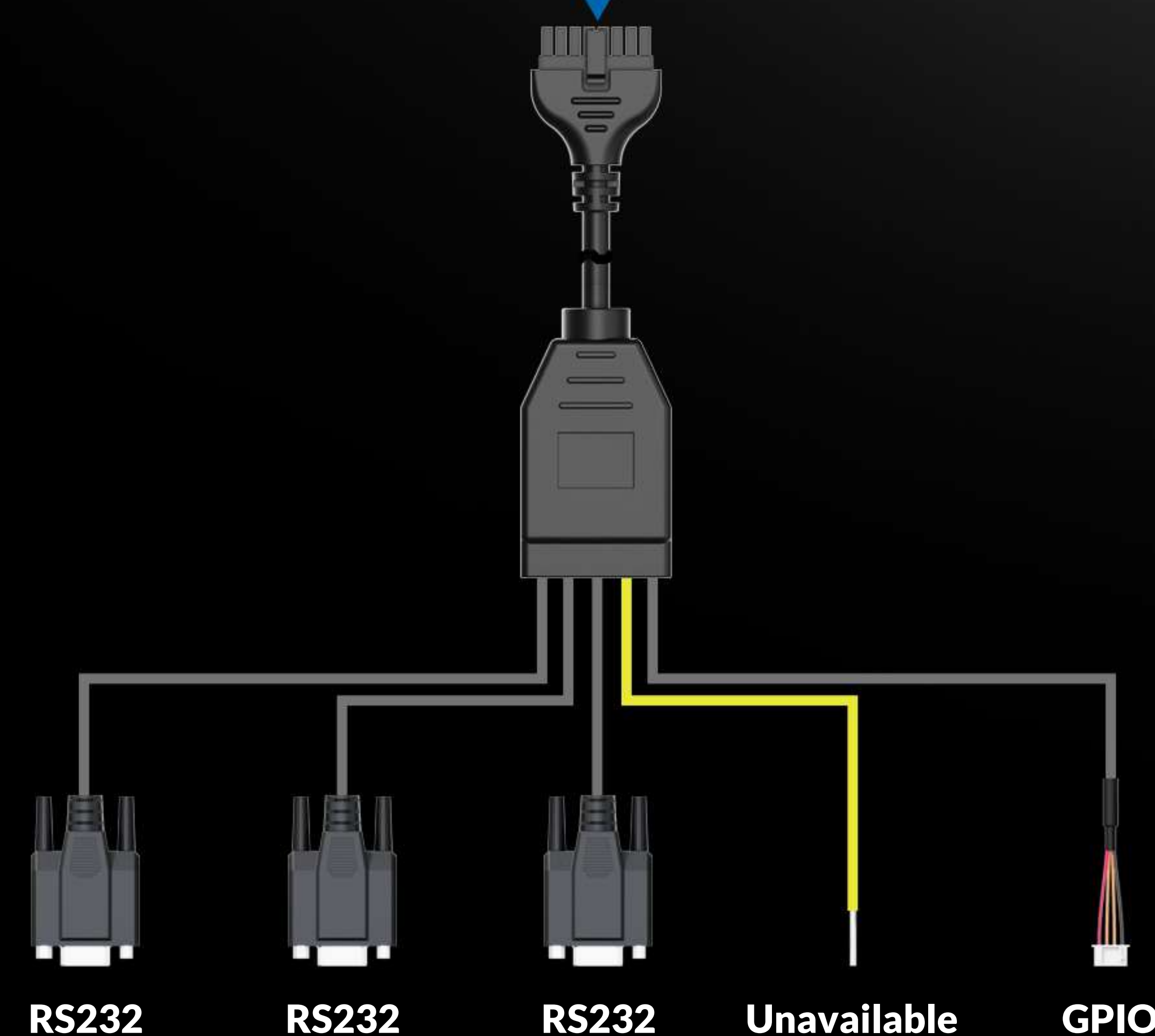
GPIO | RS232

USB-A Host

USB-C OTG

SIM Card Slot

Earphone Jack

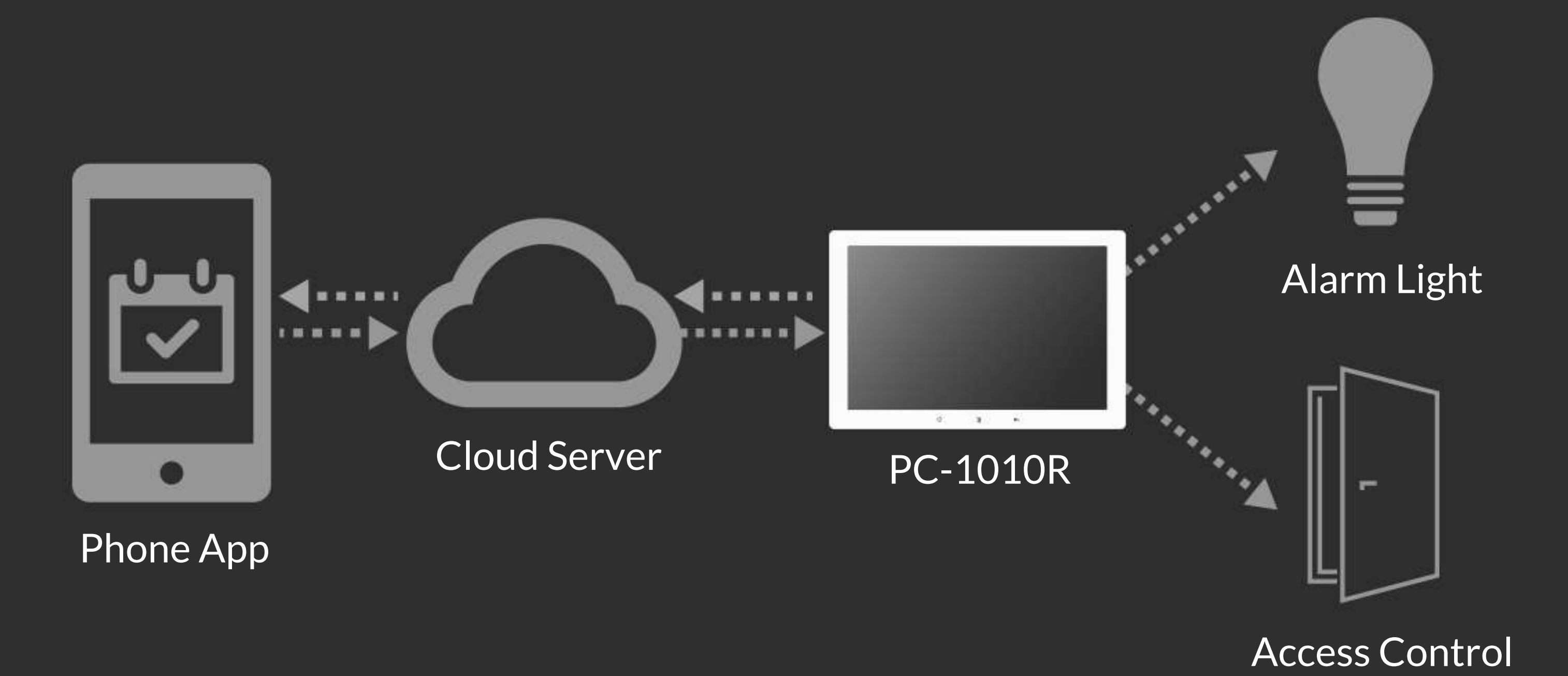
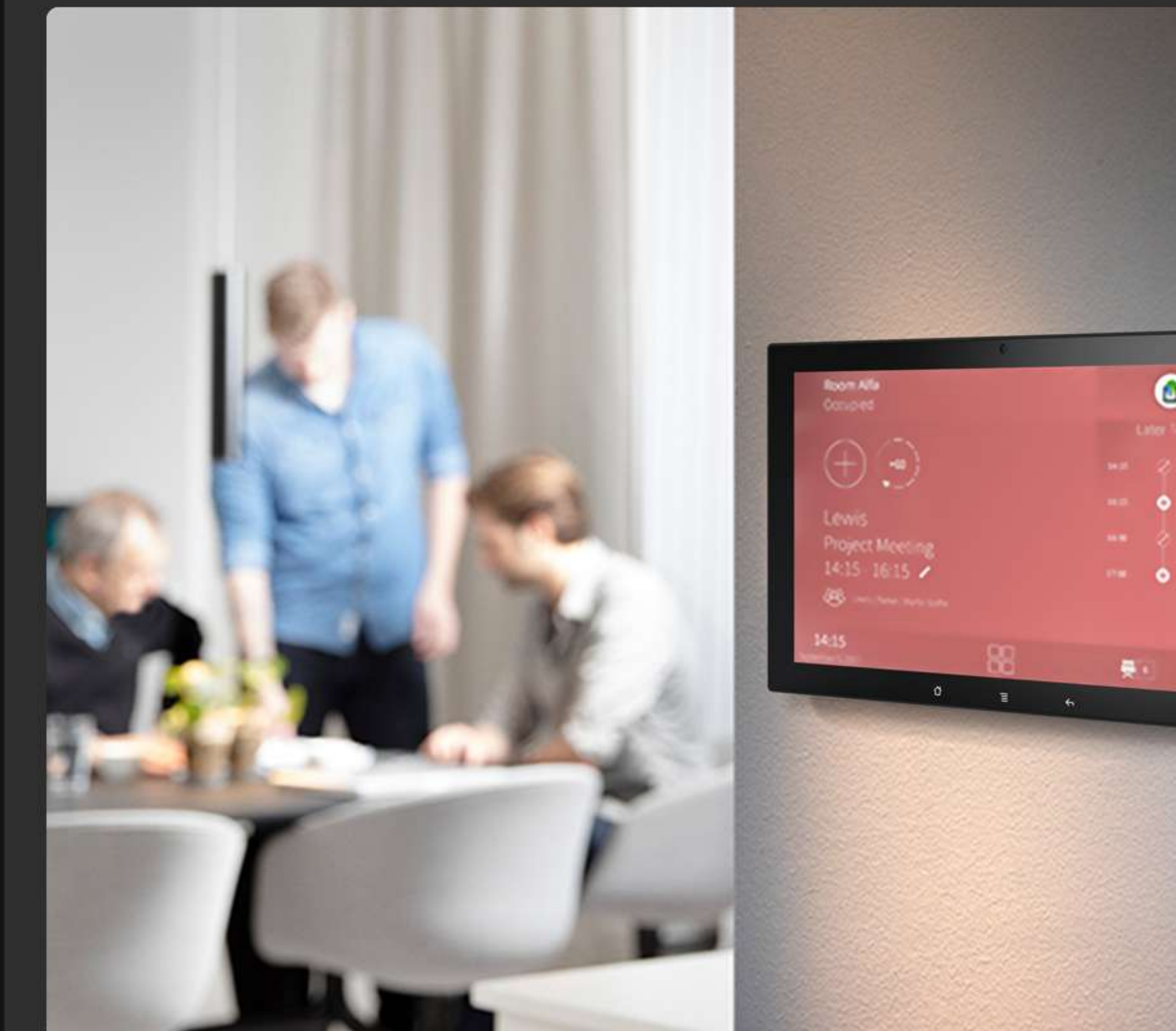


GPIO&RS232 Extension Cable

To meet the requirements for multiple interfaces and saving space, panel pc is equipped with an unique expansion cable that brings together different interfaces in a single cable, for instance, RS232, GPIO, etc.

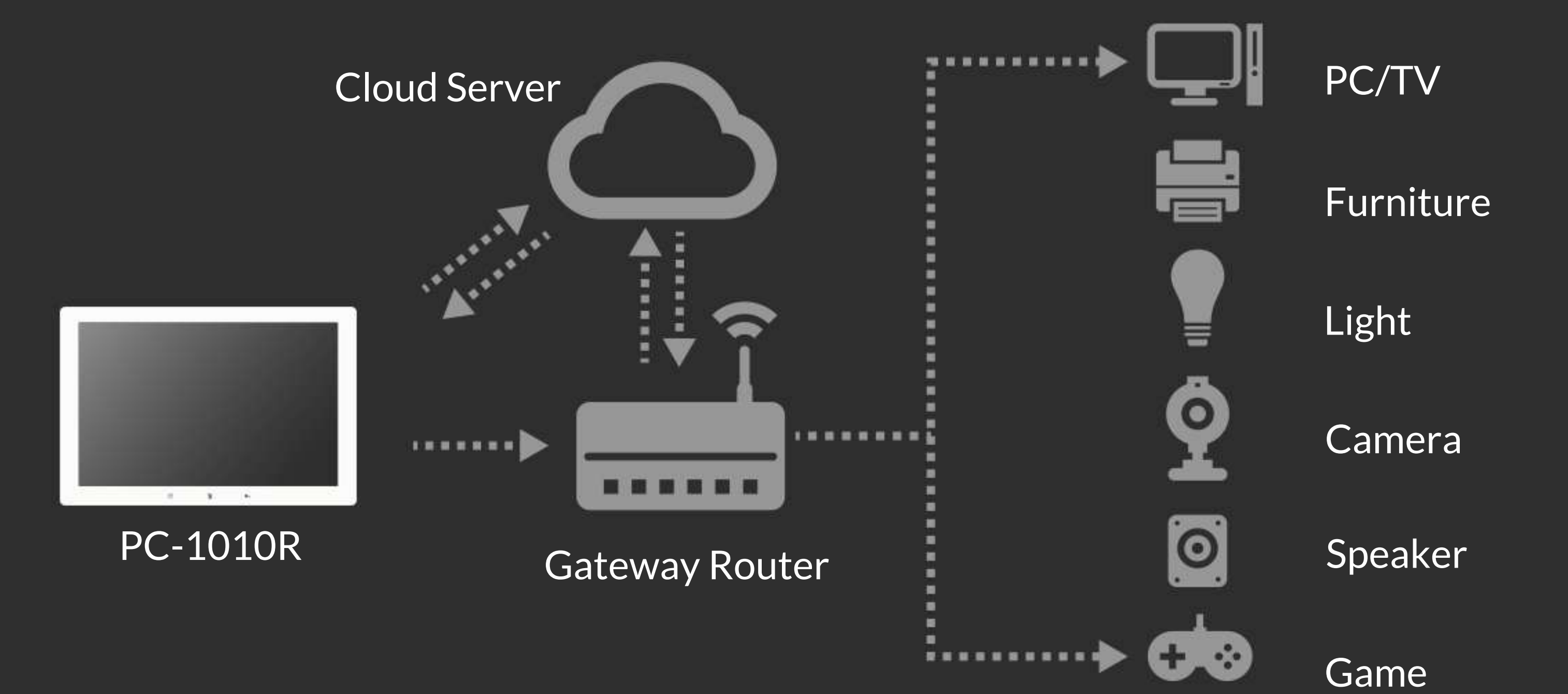
Applications & Solutions

Incredible flexible to customize products according to customer demands. Multiple platforms and modules for optional. Through perfect combination of client-side sensor and software, we can help to realize various field applications.



Conference Display

Panel pc can be used as part of a meeting room management system to provide statistics data on the utilisation of each meeting room over a period of time. To enable efficient use of meeting rooms and further improve economic efficiency.



Smart Home Interface

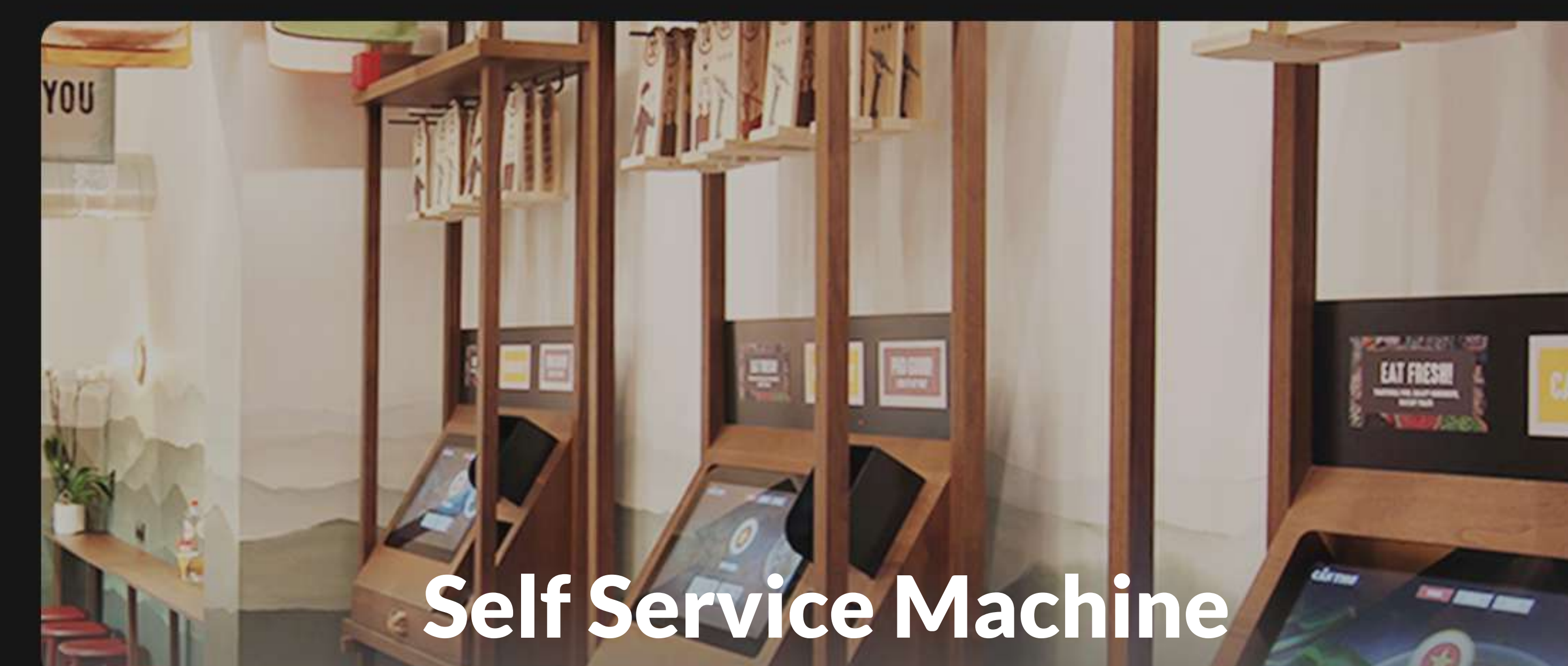
The smart home panel pc connects various devices in the home together through IoT technology, providing a full range of information interaction and even saving money on various energy costs.



Queuing System



Digital Signage



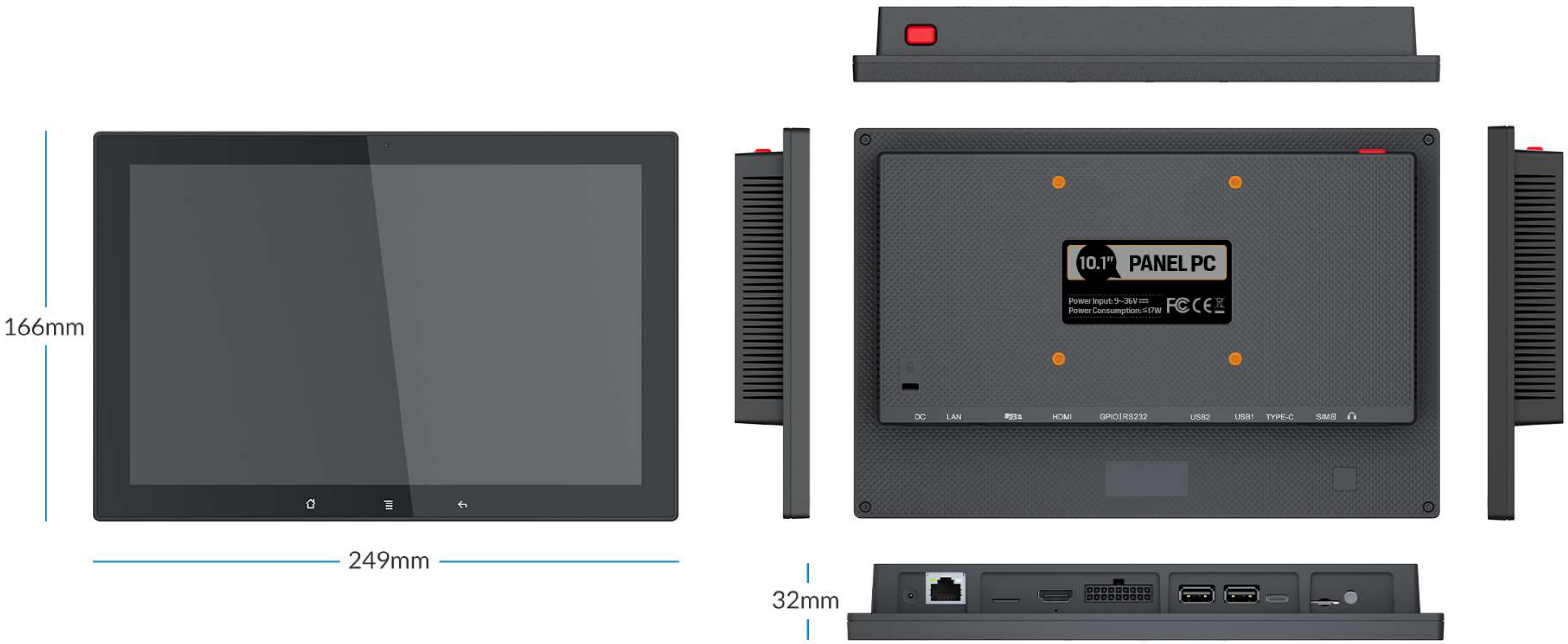
Self Service Machine



Customer Feedback

Specifications

RK3288			Qualcomm		
SYSTEM	CPU	Rockchip RK3288 Cortex®-A17 Quad-core 1.8GHz processor		Qualcomm Cortex®-A53 64-bit Octa-core 1.8GHz processor	
	OS	Android 10		Android 9.0	
	RAM + ROM	2GB LPDDR3 + 16GB eMMC		2GB LPDDR3 + 16GB eMMC, 4GB + 64GB are optional	
	GPU	Mali-T764		Adreno 506	
PANEL	Sensors	Light and Proximity Sensor (Auto dimming)		Light Sensor (Auto Dimming)	
	LCD	10.1" IPS, 1280×800, 1000 nit, 170°/170° viewing angle		10.1" IPS, 1280×800, 1000 nit, 170°/170° viewing angle	
	Touch Screen	Multi-point capacitive touch screen		Multi-point capacitive touch screen	
INTERFACE	LAN	1000M×1		1000M×1 (PoE is optional, 25W)	
	GPIO	×4 (Input×2, output×2)		×4 (Input×2, output×2)	
	COM	RS232×3		RS232×3	
	HDMI	×1 Output, support up to 1080p		×1 Output, support up to 1080p	
	SIM Card	×1		×1	
	MicroSD Card	×1, support up to 128GB		×1, support up to 128GB	
	USB	USB host×2, USB Type-C OTG×1		USB host×2, USB Type-C OTG×1	
	Earphone Jack	3.5mm		3.5mm	
WIRELESS	Wi-Fi	Optional 802.11a/b/g/n/ac, 2.4GHZ/5GHZ		802.11a/b/g/n/ac, 2.4GHZ/5GHZ	
	Bluetooth	Optional 5.0, 2402MHz~2480MHz		5.0, 2402MHz~2480MHz	
	Cellular Network	Optional 3G/4G (LTE, DC-HSPA+, UMTS, EDGE, GPRS, GSM)		Optional 3G/4G (LTE, DC-HSPA+, UMTS, EDGE, GPRS, GSM)	
	GNSS	Optional (GPS, GLONASS)		Optional (GPS, GLONASS)	
	NFC	-		Optional	
BUILT-IN	Front Camera	Optional, 5.0MP		Optional, 5.0MP	
	Speaker	×1		×1	
POWER	Power Supply	DC 9~36V		DC 9~36V	
	Power Consumption	≤17W		≤12W	
OTHER	Dimension	249mm×166mm×32mm		249mm×166mm×32mm	
	Weight	980g		980g	
	Environment	Operating Temp: -10°C~60°C (14°F~140°F) Storage Temp: -20°C~65°C (-4°F~149°F)		Operating Temp: -10°C~60°C (14°F~140°F) Storage Temp: -20°C~65°C (-4°F~149°F)	



ACCESSORIES



12V 2A DC Adapter



Extention Cable



USB-A To USB Type-C Cable

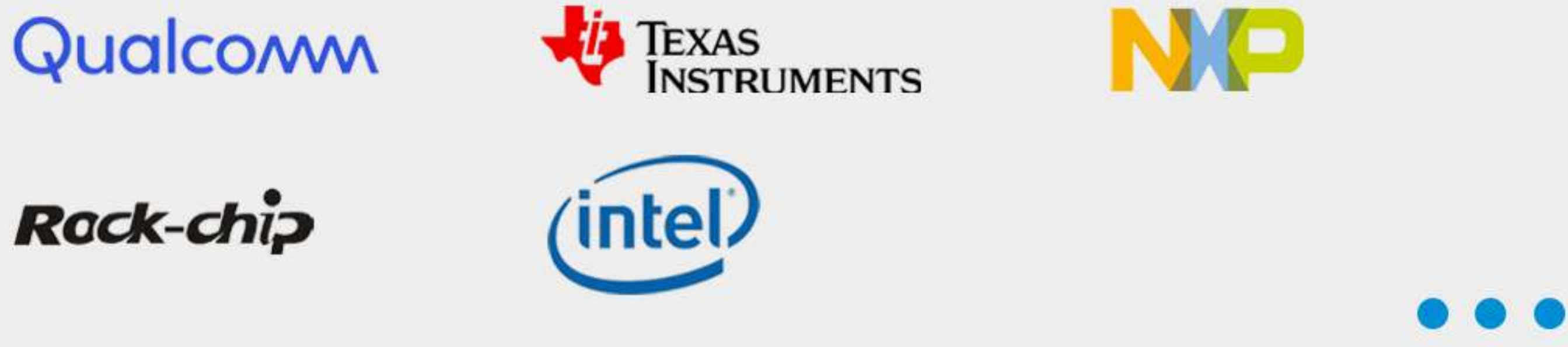


User Manual Card

Customized Service

(The following elements are specific to customised items and do not represent parameters of this PC)

Development Platform



Operation System



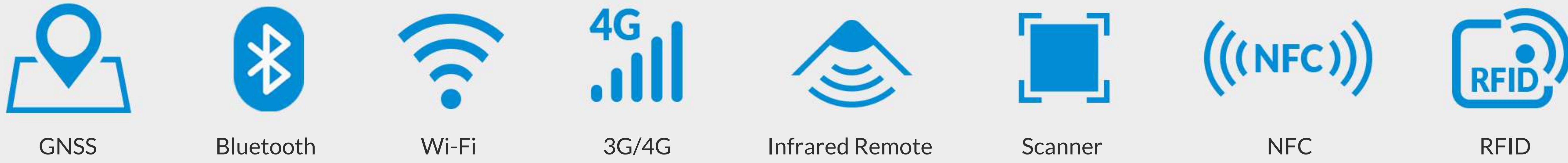
Interface Types



Wired Communication

RS232, RS422, RS485, Ethernet, CANBus, J1939, OBD-II, ACC, GPIO...

Wireless Communication



Screen Panel



Appearance Structure

Material Iron, Stainless Steel, Aluminum, ABS Plastic...

Processing CNC, Die-cast, Sheet metal...

Basic Appearance



Application Environment



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