UTK-6024

23.8" Indoor Self-Service Kiosk

Features

- Indoor self-service kiosk equipped with a 23.8" touchscreen
- Colorful eye-catching LED indicators ensure intuitive operation
- Multiple stands with RFID bin and tray for easy installation
- Modularized design allows for easy upgrades and function expansion
- Supports DeviceOn/iService software for remote device maintenance
- Compact and lightweight for convenient installation in space-limited environments
- Supports QR code scanner, NFC reader and receipt printers for most popular payment methods
- Supports Windows and Android operating systems

CCC CE FCC RoHS COMPLIANT 2002/95/EC

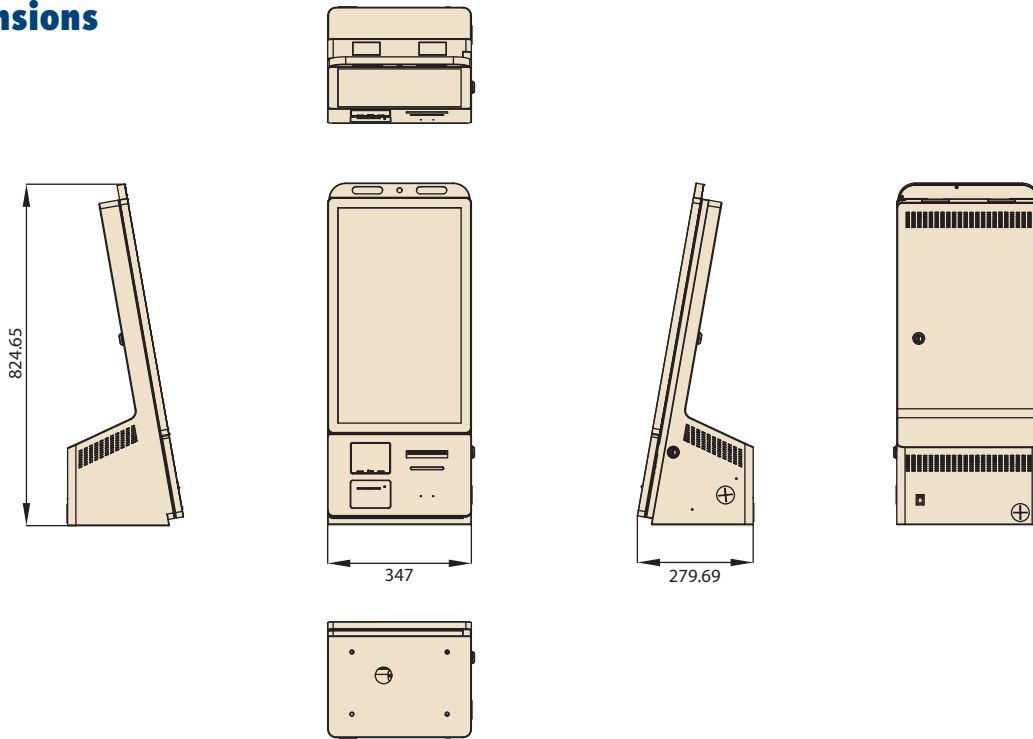## DeviceOn/iService

Introduction

Advantech UTK-6024 is an indoor self-service kiosk equipped with a 23.8" touchscreen, QR code scanner, NFC reader, and receipt printer, and can be flexibly configured for a wide range of self-service applications. Built for easy installation in environments with limited space the UTK-6024 kiosk supports most popular payment methods, making it the ideal mobile computing solution for rapid deployment at exhibitions, concerts, and tradeshows.

Specifications

SKU		ARM Cortex	Intel® Pentium®	11th Gen Intel® Core™
Processor System	Processor	Rockchip RK3399	Intel® Pentium® N4200E	Intel® Core™ i3-1115G4E Intel® Core™ i5-1145G7E
	Memory	2GB/4GB LPDDR3-1866 SDRAM	8GB DDR3-1600 SDRAM	8GB DDR4-3200 SDRAM
	Storage	16GB/32GB eMMC	128GB SATA3 TLC SSD	128GB SATA3 TLC SSD
	Bluetooth	Bluetooth® 5.0	Bluetooth® 5.0	Bluetooth® 5.2
	Network (WLAN)	IEEE 802.11 abgn + ac	IEEE 802.11 abgn + ac,ax	IEEE 802.11 abgn + ac,ax
	Network (LAN)	1 x 10/100/1000 Mbps	2 x 10/100/1000 Mbps	2 x 10/100/1000 Mbps
	Stereo Speaker	3W x 2	3W x 2	3W x 2
Outlook	Dimensions (W x H x D)	347 x 279.66 x 824.65 mm		
	Weight	23 kg		
LCD	Size/Type	23.8" TFT LCD with WLED Backlight		
	Brightness (cd/m2)	350		
	Resolution	1920 x 1080 max.		
	Color	16.7M		
	Contrast	1000:1		
	View Angle	178°/178°		
Touch Screen	Type	Projected capacitive touch		
	Light Transmission	80% ± 2%		
	Controller	USB interface		
OS Support	Operating System	Windows 10 64-bit		
Environmental Specifications	Operating Temperature	0 ~ 40 °C / 32 ~ 104 °F		
	Relative Humidity	10 ~ 95% @ 40 °C / 104 °F non-condensing		
	Certification	CE, FCC, CCC		
Power Supply	Power Supply	100-240V 150W 24V W/PFC		
Peripherals	Printer	58mm/80mm Thermal Printer		
	Scanner	2D QR Code Scanner		
	NFC (*Optional)	NFC Card Reader		
	Camera (*Optional)	1080p Pixe CAM WDR Sensor		
	ADA (*Optional)	ADA Device		
	LED Indicator (*Optional)	LED Indicator Light		
	Dual Digital MIC (*Optional)	Digital Microphone		
	Smart Card reader (*Optional)	Smart card reader with USB connection		
	Payment Module Bracket (*Optional)	Customized payment module bracket		

Dimensions

Unit: mm

824.65

347

279.69

Order Information

Part Number	Description
UTK-6024-CA3W00	All-in-one Indoor Kiosk, Rockchip RK3399, 4GB Memory, 32GB Storage, 23.8" 1080p 350 nits T/S, 58/80mm Thermal Printer, WiFi 5 + BT 5.0, Scanner + NFC, Camera, Android
UTK-6024-CA3W01	All-in-one Indoor Kiosk, Rockchip RK3399, 2GB Memory, 16GB Storage, 23.8" 1080p 350 nits T/S, 58/80mm Thermal Printer, WiFi 5 + BT 5.0, Scanner + NFC, Camera, Android
UTK-6024-AN3W00	All-in-one Indoor Kiosk, Intel® Pentium® N4200E, 8GB DDR3 SDRAM, 128GB SSD, 23.8" 1080p 350 nits T/S, 58/80mm Thermal Printer, WiFi 5 + BT 5.0, Scanner + NFC, Camera, Win10
UTK-6024-TB3W00	All-in-one Indoor Kiosk, Intel® Core™ i3-1115G4E, 8GB DDR4 SDRAM, 128GB SSD, 23.8" 1080p 350 nits T/S, 58/80mm Thermal Printer, WiFi 6 + BT 5.2, Scanner + NFC, Camera, Win10
UTK-6024-TC3W00	All-in-one Indoor Kiosk, Intel® Core™ i5-1145G7E, 8GB DDR4 SDRAM, 128GB SSD, 23.8" 1080p 350 nits T/S, 58/80mm Thermal Printer, WiFi 6 + BT 5.2, Scanner + NFC, Camera, Win10
UTK-6024-TD3W00	All-in-one Indoor Kiosk, Intel® Core™ i7-1185G7E, 8GB DDR4 SDRAM, 128GB SSD, 23.8" 1080p 350 nits T/S, 58/80mm Thermal Printer, WiFi 6 + BT 5.2, Scanner + NFC, Camera, Win10
UTK-6024-AN3W0B	Barebone Indoor Kiosk, Intel® Pentium® N4200E, 23.8" 1080p 350 nits T/S, 58/80mm Thermal Printer, Scanner + NFC
UTK-6024-TB3W0B	Barebone Indoor Kiosk, Intel® Core™ i3-1115G4E, 23.8" 1080p 350 nits T/S, 58/80mm Thermal Printer, Scanner + NFC
UTK-6024-TC3W0B	Barebone Indoor Kiosk, Intel® Core™ i5-1145G7E, 23.8" 1080p 350 nits T/S, 58/80mm Thermal Printer, Scanner + NFC
UTK-6024-TD3W0B	Barebone Indoor Kiosk, Intel® Core™ i7-1185G7E, 23.8" 1080p 350 nits T/S, 58/80mm Thermal Printer, Scanner + NFC

Accessories

Part Number	Description
1702002600	Power Cord UL 3P 10A 125V 183cm
1702002605	Power Cord EU 3P 10A 250V 183cm
1700008972	Power Cord CCC 2P 2.5A 250V 183cm
1700013977	Power cable, CCC, 3P, 10A, 250V, 200 cm
UTK-OPAC-0001	Stand for bundling with UTK-6024 Kiosk
UTK-OPAC-0002	Tray for bundling with stand
UTK-OPAC-0003	RFID bin for bundling with stand

DeviceOn/iService

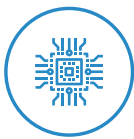## Unified Remote Device Management Software

Features

- Supports Advantech devices equipped with Windows, Android, and Linux OS
- Flexible device, location, user, and permission management
- Enables remote monitoring and control of hardware, software, and peripherals
- Supports over-the-air (OTA) firmware and software updates
- Ensures quick, easy, and secure device onboarding
- RESTful APIs for third-party system integration

Introduction

Advantech's DeviceOn/iService is a next-generation unified device management solution based on the WISE-DeviceOn platform. Designed to enable centralized monitoring and remote management, DeviceOn/iService supports Advantech devices equipped with Windows, Linux, or Android operating systems. The software also supports the management of applications and integrated peripherals, such as a barcode scanner, card reader, camera, and printer. Users can remotely access and control connected devices, take screenshots, rollout OTA upgrades, and use remote desktop capabilities for troubleshooting from any location at any time. Moreover, DeviceOn/iService supports batch operations to facilitate the management of multiple devices simultaneously for easy and convenient device configuration and deployment.

Total Management

Devices & Hardware
- Windows, Linux, Android
- Hardware, storage, battery

Software & Peripherals
- Software monitoring & access
- Screens, USB devices, printers

Open for Expansion
- Peripheral integration
- Open APIs for integration

Remote Access

Real-Time Monitoring
- Connection/hardware status
- Software/peripheral status
- Failure notifications

Remote Controls
- Power controls
- Audio, backlight controls
- Software controls

Troubleshooting
- Screenshots
- Remote desktop support

Operational Efficiency

OTA updates
- System/software updates
- File repository management
- App store

Batch Controls
- 1-to-many batch reboot, etc.
- Time-saving tasks

Setup Booster
- Software/peripheral watchlist
- Roles, rule templates

Note: Some functions may vary according to the product

System Architecture

Client Devices — LAN — **DeviceOn Server** — Internet — **Browser**

Hardware | Software | Peripherals

Free Installation
Via the Advantech website

Cloud | On-site installation

Download Installer
Via the Advantech website

Monitor status | Controls

Free Installation
Via browser

Required Hardware
Windows10 | 8GB RAM | Intel® Core™ i5 storage | 125GB

ADVANTECH