CCL TECH

CREATE CONVENIENT LIFE

Self-service and checkout hardware

Retail, hospitality and outdoor ticketing







Create a Convenient Life

Marcel Segers
International Sales Director

CCL at a glance

CREATE CONVENIENT LIFE

Self-service and checkout hardware manufacturer

2013
Established

200+
Employees

44
Countries

80,000+
Installed units

Headquartered in Qingdao, China, serving customers and partners across five continents.

Applications include grocery, specialty retail, hospitality and quick-service restaurants.

Deployment figures from the June 2026 presentation

Global presence

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Local offices support an international customer base



China

Qingdao headquarters

Europe

France, Netherlands and Poland

Regional offices

Russia, Brazil, Malaysia and Thailand

Additional presence in mainland China, Hong Kong and Taiwan

Product portfolio

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Hardware for different checkout and service environments

Application	Product families	Format
Self-checkout	Z2 / Z2T, Z3, Z3D, F1, Z5	All-in-one, dual mode and modular
Self-ordering	Z2T, Z3T, M1	Kiosks for ordering and payment
Outdoor service	H2, H3, HC1	Outdoor kiosks and ticket vending
Point of sale	S2, S3, D2	POS terminals and PC box

Z2 self-checkout

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A configurable platform for retail and hospitality



Flexible configuration

Combine the host, peripherals and stand to suit each site.

Integrated checkout

Printer, scanner and payment terminal options.

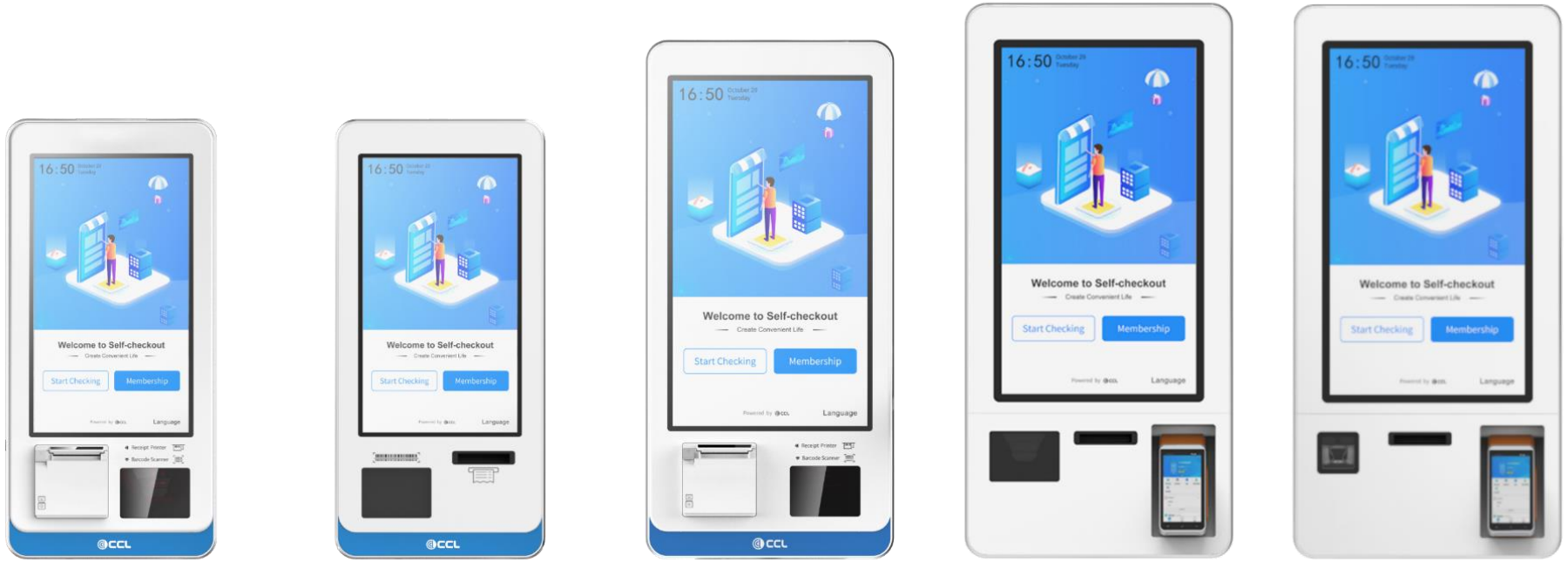
Installation choice

Freestanding, wall-mounted and countertop formats.

Z2 configurations

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Display, printer and scanner options



Model	Display	Configuration
Z2 / Z2K	21.5-inch	Panel or built-in printer, large scanner
Z2P / Z2T	27-inch	Printer and scanner options, panel EFT on selected variants

Z2 installation options

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Checkout layouts can adapt to the available floor space

Mounting and stands

Wall, restaurant, convenience, supermarket, cash and RFID configurations.

Counter layout

Position unscanned and scanned items separately.

Optional peripherals

Status light, device number and cameras.



Z2T self-service kiosk

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27-inch kiosk for ordering, payment and retail checkout



27-inch touchscreen

Large customer interface for self-service ordering and payment.

Integrated hardware

Built-in receipt printer, embedded payment terminal and scanner options.

QSR configuration

Single or back-to-back installation on a shared stand.

Z2T hardware and configuration

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Printer, scanner and computing options

Area	Configuration options
Display	27-inch touchscreen
Receipt printer	EPSON TM-T88VI with 80 mm paper
Payment	Embedded EFT terminal or payment-device bracket, optional NFC
Scanner	Large or small scanner options, including Datalogic and Newland
Intel platforms	Celeron J6412, Core i3-1115G4 or Core i5-1135G7
ARM platform	RK3399

Confirm the selected payment terminal, scanner and processor for each project.

Z2T back-to-back installation

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Two customer-facing kiosks on a shared stand

Shared installation

Two Z2T units face opposite directions.

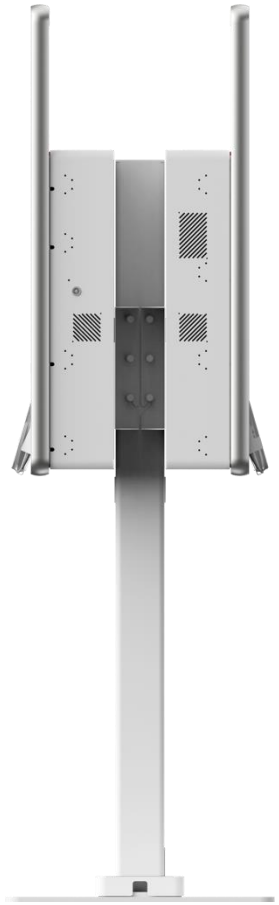
Ordering and payment

Each side provides a customer touchscreen with integrated peripherals.

Service access

Open the kiosk to replace the receipt paper.





Z3 self-checkout

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Z3P flagship configuration



27-inch touchscreen

Fully laminated display with a narrow bezel.

Integrated peripherals

Built-in printer, large scanner and front-mounted payment terminal.

Camera integration

Supports AI-assisted loss prevention and recognition technologies.

Z3 service and installation

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Modular hardware simplifies access to components

Front maintenance

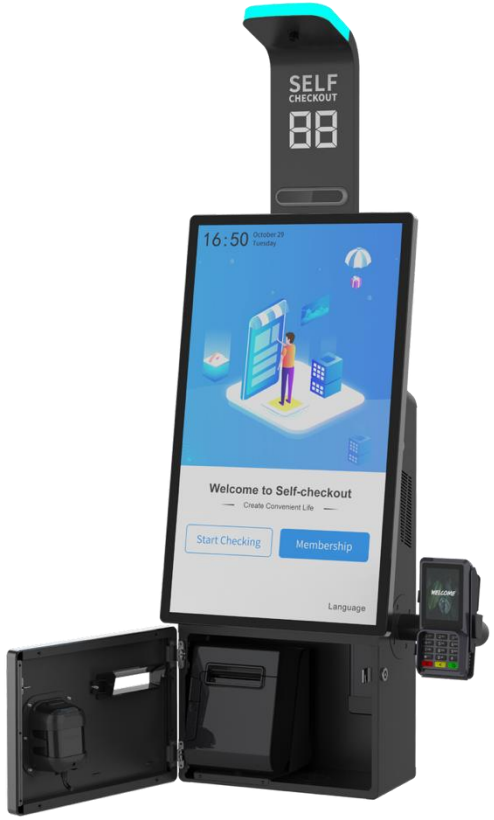
Access printer, scanner, PC box and module locks from the front.

Three installation formats

Stand, wall mount or countertop.

Display choices

Z3 with 21.5-inch screen or Z3P with 27-inch screen.



Z3D dual-mode checkout

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One device supports cashier operation and self-service payment

Cashier mode

Staff operate the checkout for assisted or complex transactions.

Self-service mode

Customers complete checkout independently.

Optional swivel mount

Rotate the device to change the operating mode.

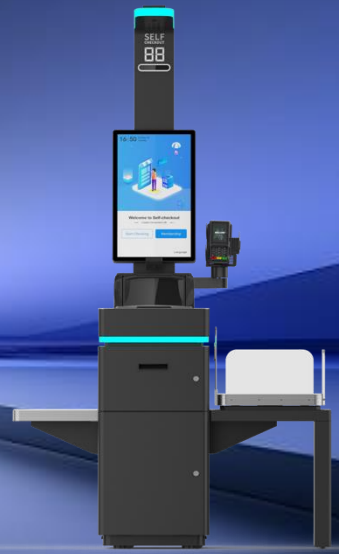




F1 modular self-checkout

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Configure the checkout around each project's requirements



Component choice

Combine printers, scanners and touchscreens.

Display options

15-inch, 15.6-inch or 21.5-inch displays.

Flexible footprint

Desktop configuration or a complete freestanding solution.

F1 hardware options

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Scanner, camera and status-light configurations

Scanner choices

180° or 360° scanner configuration.

Camera options

AI/IP and 3D/IP camera integration.

Independent lighting

Customer software can control each status light separately.





Z5 self-checkout

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A 21.5-inch interface with customer identification options



Customer interface

Capacitive touchscreen for checkout interactions.

Customer identification

Supports smartphone-based interaction.

Advertising

The display can support promotional content.

Z3T self-ordering kiosk

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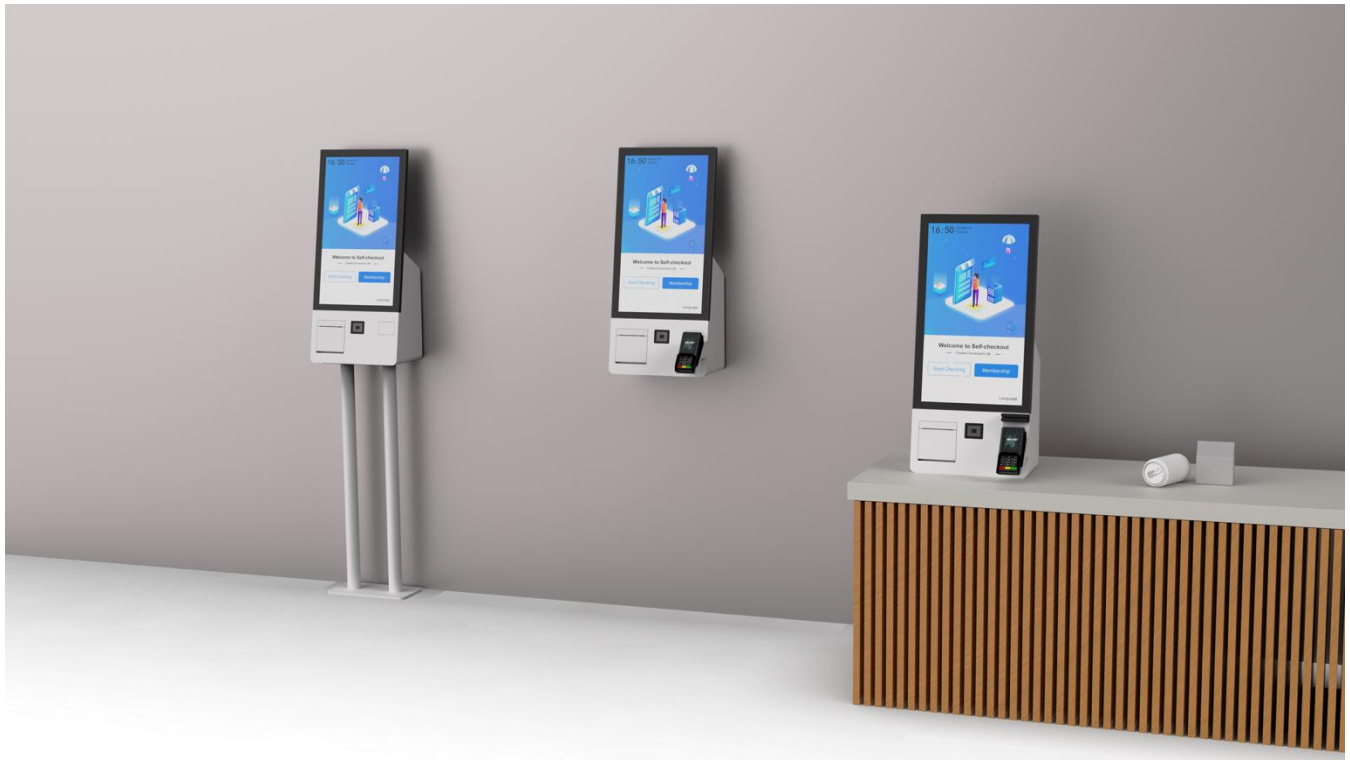
27-inch Full HD PCAP touchscreen

Ordering and payment

Self-service interaction for hospitality environments.

Installation formats

Stand, wall mount and countertop.



M1 self-ordering kiosk

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27-inch display with 1920 × 1080 resolution



Ordering interface

A flat touchscreen design for self-service ordering and payment.

Space-efficient format

Slim proportions for hospitality environments.

Mounting flexibility

Wall and column installation options.

H2 outdoor kiosk

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Outdoor self-service hardware with IP55 protection



Tempered glass with anti-glare treatment

27-inch display

Full HD touchscreen with 1800-nit brightness.

Environmental control

Heating or heat dissipation responds to ambient temperature.

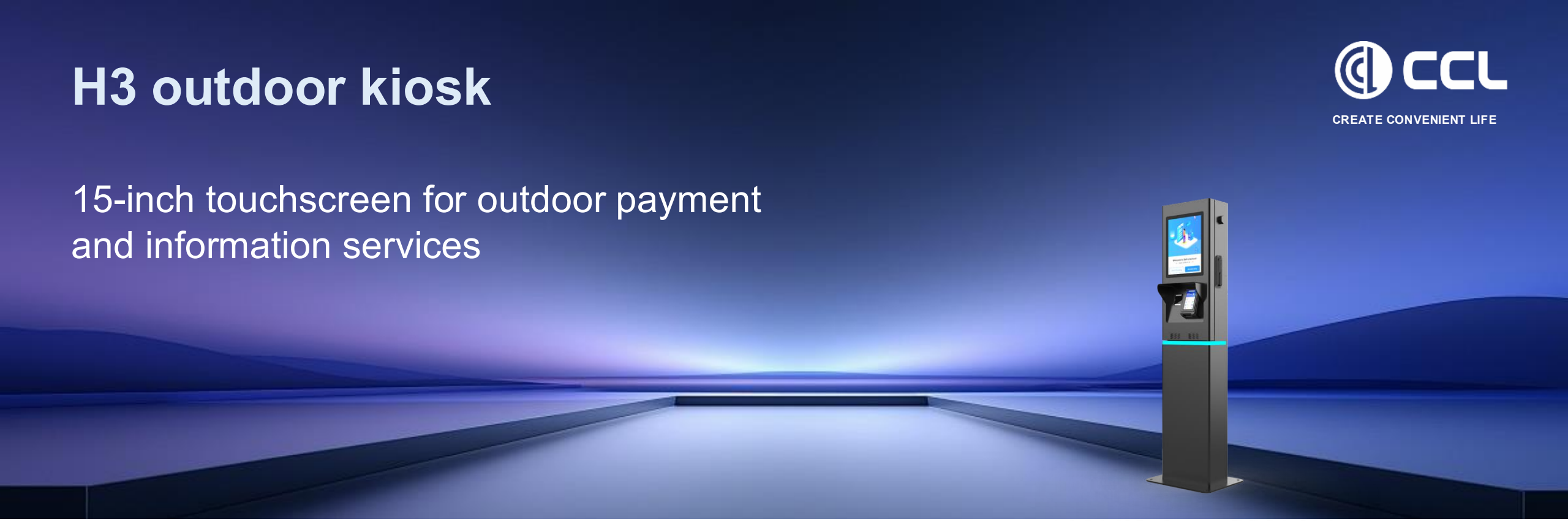
Adaptive brightness

The display adjusts to the surrounding light.

H3 outdoor kiosk

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15-inch touchscreen for outdoor payment and information services



Outdoor operation

Operating range from −25°C to 40°C.

Display and protection

1800-nit brightness, automatic adjustment, IP55 and IK08 protection.

Installation choice

Floor-standing or wall-mounted configurations.

H3 platform and service access

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Modular components and a configurable payment terminal

Computing platform

Intel Core i3-1115G4 or i5-1135G7.

Memory and storage

4, 8 or 16 GB DDR4 and 128, 256 or 512 GB M.2 SATA.

Service and interface

Independent door access, RGB status indicators and 1D/2D scanner.



Windows 10, Windows 11 or Linux

HC1 ticket vending machine

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32-inch outdoor self-service ticketing platform

Windows 11 or Linux



Industrial computing

Intel Core i5-1235U, 8 GB RAM and 128 GB SSD.

Ticketing and payment

Dual KPM180H thermal printers and Verifone UX700.

Connected operation

Ethernet and LTE/5G with UPS-backed power and remote monitoring.

HC1 outdoor operation

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Climate management and protected power support unattended service

Customer interface

32-inch Full HD PCAP touch, 1500 cd/m² and automatic dimming.

Cabinet climate

Two heaters, humidity control, a dehumidifier and three 24 V fans.

Power and monitoring

OLS1000E UPS, SNMP and remote power control.



HC1 technical overview

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Ticketing, access and conformity information

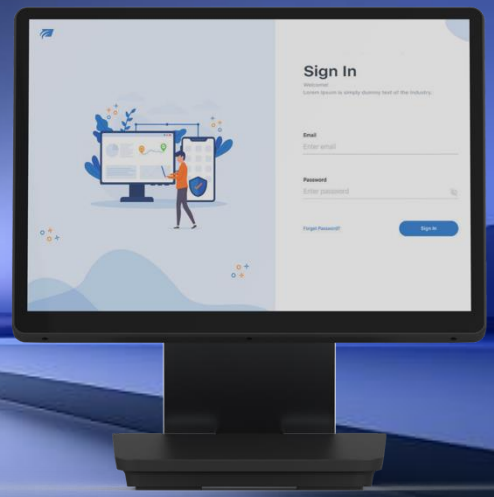
Area	Specification
Ticket printers	2 × KPM180H, around 0.8 seconds per ticket, rolls up to 200 m
Accessibility	Storm assistive keypad and 2 × 4 Ω, 10 W speakers
System I/O	LAN, 6 × COM, 8 × USB, HDMI, VGA and Wi-Fi
Power protection	RCCB, mains surge protection and 10 kV network surge protection
Display protection	UV film, IK08 anti-shatter glass and glove touch

CE marking relies on the manufacturer’s EU Declaration of Conformity. The supplied verification covers the tested sample’s EMC requirements only.

S3 point of sale

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An all-in-one terminal with flexible screen positioning



Computing options

12th-generation Intel Core, Intel N95 or ARM configurations.

Display design

Fully laminated screen with a 10 mm narrow bezel.

Installation and service

Dual hinges, modular base and standard VESA mounting.

S3 display configurations

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Primary and customer-facing displays







Family	Primary display	Customer display options
S3	15-inch	9.7-inch or 15-inch
S3P	15.6-inch	10.1-inch or 15.6-inch

S2 point of sale

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Screen and platform choices for different software requirements

Display formats

15-inch 4:3 or 15.6-inch 16:9.

Configuration choices

Single and dual-screen arrangements.

Connectivity

Serial, USB, PoweredUSB and display ports vary by platform.



D2 POS box

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A compact computing platform for checkout applications

Processor choice

Intel Core i3-1215U or i5-1235U.

Thermal design

Aluminium alloy housing for heat dissipation.

Fanless operation

Quiet operation with no cooling fan.



Processor options

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Available platforms vary by product and configuration

Family	Intel platforms	ARM platforms
Z2 / Z2T / Z3T	J6412, i3-1115G4, i5-1135G7	RK3399, RK3568; RK3576 for Z2
Z3 / Z3P	i3-1215U, i5-1235U	RK3576
Z3D	i3-1215U, i5-1235U, N95	RK3568, RK3576
Z5	J6412	RK3399, RK3568
S3 / S3P	i3-1215U, i5-1235U, N95	RK3568, RK3576 for S3P
D2	i3-1215U, i5-1235U	Not specified

Confirm the selected processor, operating system and peripheral configuration for each project.

S2 connectivity by platform

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Interface combinations for each hardware platform

Platform	Shared interfaces	USB and powered connections
12th Gen Core i3 / i5	Cashbox, HDMI, LAN, 2 × RJ48, audio	4 × USB 3.0, 24 V and 12 V PoweredUSB
Celeron J6412	Cashbox, HDMI, LAN, 2 × RJ48, audio	2 × USB 2.0, 2 × USB 3.0, 24 V and 12 V PoweredUSB
7th Gen Core i3 / RK3399	Cashbox, DP, LAN, 2 × RJ48, 2 × RJ11, audio	24 V PoweredUSB and 3 × 12 V PoweredUSB

All listed platforms include 24 V DC input. The 12th Gen and J6412 configurations also list DC output.

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Marcel Segers
International Sales Director

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