ALL-IN-ONE

MOBILITY

KIOSK

PANELS PC

PRINTERS

DISPLAYS

ACCESSORIES

KWARTZ

UTK-8100 SERIES

Innovative and efficient KIOSK solution at optimised and controlled costs!

Now available with Windows 11 and INTEL 12th Gen processors !

KWARTZ is an innovative, high-performance, lightweight and accessible user-friendly kiosk. A universal solution, it has been designed by ADVANTECH-AURES to be installed by a single technician and to be operational in all regions of the world, thanks to an internal architecture providing simplified compatibility with local requirements and regulations. Through lab condition testing, its "CB Report" (international certification scheme) allows it to be used in many regions (a list of countries is available on request).

Equipped with a YUNO 27" system in portrait mode and a choice of 2 different INTEL processors, thanks to its careful and clever development, it boasts a truly ergonomic design; the integration of a multi-voltage power supply controlled by USB (developed exclusively and patented) facilitates the management and the remote maintenance of the kiosk (e.g stopping and restarting certain sub-systems of the kiosk, door open/closed status feedback, control of the three-colour status indicator, etc.)

KWARTZ is equipped with a removable front side, which can be easily dismantled and replaced on request by specific panels / materials (custom-made and produced). In addition, the kiosk can accommodate and integrate several categories of desktop and unattended types of payment terminals available on the market. (PAX, INGENICO, VERIFONE, WORLDLINE - see technical table below).

Tested and validated CONFORMITY CB/CE /UK CA in Test Laboratory

MADE IN **FRANCE**

Flexible and very accessible, KWARTZ is an ordering kiosk that can be adapted to many sales and retail environments (food-service, retail, leisure and service sectors, etc.).

Available in several configurations (wall-mounted, free-standing, fixed on the floor or standalone - with base plate), KWARTZ offers many features, including its well thought-out, optimised and competitive price, which is perfectly in line with today's KIOSK market requirements.

intel prestige partner

KWARTZ

KIOSKS

Single-sided kiosk which can be wall-mounted, fixed to the floor or standalone with a base plate (options).

Exclusive and patented controlled power supply allowing remote management of several functions / options

YUNO Kiosk - 27" screen in portrait mode Capacitive PCAP and multi-touch screen (10 points)

INTEL Adler Lake 12th Generation Processor

SSD M2 - 128 GB (expandable to 512 GB) - 2 slots DDR5 RAM - 8 GB as standard

80 mm ticket printer (ODP 444 or EPSON TM M-30)

Honeywell HF521 1D/2D barcode scanner (reads on paper and on smartphone screen)

Choice of several payment terminals

Door opening sensor

Optional status light (3 colours) on top of the kiosk

Removable front plate - fully customisable

Android compatible

SYSTEM	YUNO KIOSK 27"
Processors	INTEL Alder Lake 12th Generation – N 97 or i3-N305
RAM Memory	DDR5 8 GB in standard
SSD	M.2 - 128 GB - 2,5" (2 slots)
LCD	27" TFT Full HD (1920 x 1080)
Touch Screen	edgeless – PCAP panel 10 point

OTHER SYSTEMS	
Power-Supply	Patented multi-voltage controlled power supply (possibility to restart system, printer and payment terminal remotely). (Also supports status light (optional) and door open sensor)
Receipt Printer	ODP 444 or EPSON Tm M-30 thermal receipt printers
2D Barcode Reader	Honeywell HF 521 USB (reads on paper + smartphones' screens)
LED Lighting	USB electronic card control (3 colours)

IN – OUT PORTS	
Serial ports	2 x RS-232 serial ports with optional power, + 5V or + 12V
USB	2 X USB 3.0 Side Panel + 2 x USB 3.0 I/O Panel + 4 x USB 2.0 I/O Panel + 1 x USB-C + Alt Mode Video + USB high speed + PD in / PD out + PD 3 A 20V in + PD out 3A, 5V
Ethernet	1 x Gigabit Ethernet with WOL, PXE boot
Cash Drawer	1 x cash drawer for + 19V or +24V drawer, dual drawer support with Y Cable
LAN	10/100/1000 Base-T
Ethernet	Ethernet NETGEAR 1 GB switch

ELECTRONIC PAYMENT TERMINALS (DESKTOP & UNATTENDED SYSTEMS)	
WORLDLINE	Valina
INGENICO	LANE 5000 / LANE 3000 / LANE 3600 / IPP 350 / Self 4000 / Self 2000
VERIFONE	P630 / P400 / VX820
PAX	S 300 / Q25 / A 35 / IM30

VARIOUS	
CEM	CE Directive CEM 2014 /30/UE (Class B)
Safety	CE Directive BT 2014/35/UE / CB Report
Operating Temperature	5 - 35° C
Front Panel Screen	Water and dust resistant
Compatible OS	Windows 11 IoT LTSC 2024, Windows 10 IoT Enterprise, Linux
Dimensions (W x D x H cm)	Single side standalone: 38.5 x 15.2 x 181.7 cm (with status light option) Wall-mounted: 38.5 x 16.2 x 111.9 cm (with status light option)
Weight	Single side + pedestal : 36 kg - Wall-mounted : 28 kg
Options	Plate: 60 x 60 x 1 cm / 25 kg - Pedestal: 8 kg Wall mounting plate: 2 kg

Specifications are subject to change without notice - © ADVANTECH-AURES - KWARTZ_datasheet-EN_1.00_2025

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