GLORYSTAR
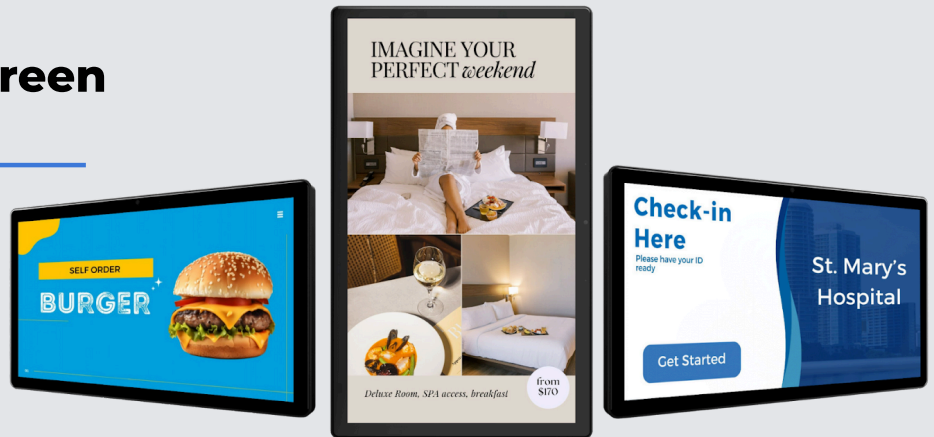
Ultron Windows Touchscreen Computer (Celeron)

Capacitive Touch

Windows

Durable Built to Last

Overview

The ULTRON Windows Touchscreen Computer is a cutting-edge, all-in-one touchscreen solution designed for commercial and industrial applications, available in 10-inch, 15.6-inch, and 21.5-inch models to power self-service kiosks, restaurant ordering kiosks, digital signage displays, and more. Equipped with Intel® Celeron N100 processors, this touchscreen computer supports Windows 11 and Linux, delivering robust performance for retail touchscreen solutions, healthcare kiosks, and education kiosks. Its high-brightness display with optically bonded touchscreen glass ensures vibrant visuals, while robust connectivity and versatile VESA mounting options make it ideal for customizable kiosks, interactive displays, and point-of-sale kiosks in hospitality and retail environments.

Available in 10.1", 15.6" and 21.5" widescreen.

Easy deployments with various VESA mounting.

15.6" and 21.5" with anti-glare glass and optical bonding capacitive touch panel technology.

Specification

Processors		N100		
Model Number		ULT101 Part#N100	ULT156 Part#N100	ULT215 Part#N100
Screen Size		10"	15.6"	21.5"
Panel Info	Resolution	1280 x 800	1920 x 1080	1920 x 1080
	Panel Brightness	500cd/m²	450cd/m²	450cd/m²
	Brightness	425cd/m² with touch Screen	400cd/m² with touch Screen	400cd/m² with touch Screen
	Contrast Ratio	800:1	1000:1	1300:1
	Aspect Ratio	16:10	16:9	16:9
	Active Display Area	216.96x135.6 mm	344.16 × 193.59 mm	476.064 x 267.786mm
	Response time	10ms	20ms	14ms
	Viewing Angle	85°/85°/85°/85°	89°/89°/89°/89°	89°/89°/89°/89°
Touch Data	Touch Tech	G+G 10 point cap touch	G+G 10 point cap touch Anti-glare glass	
	Hardness Of Surface	10inch：＞6H　15.6inch：≥ 7H　21.5inch：＞6H		
	Touch method	Finger touch 、Capacitive stylus		
	Transparency	10.1inch and 21.5inch : ≥86%　15.6inch：≥85%		
	Glass Thickness	2mm (Not including Sensor thickness)		
	Bonded Panel	15.6inch -21.5inch：Support Optical bonded capacitive touch Panel 10inch：Not supported Bonded Panel		
CPU & System	CPU	N100		
	Base Frequency	N/C		
	CPU Turbo Boost	3.4GHz		
	core	4		
	Thread	4		
	CPU Cache	6MB		
	BIOS	AMI UEFI BIOS		
RAM	RAM	8GB , Single Channel SO-DIMM DDR4 (Max 16GB)		
ROM	Storages	256GB, M.2 for NVME 2280 SSD		
Software	OS	Win10/11 64 bit, Linux 64 bit		
Display	GPU Chipset	Integrated Intel® UHD Graphics		
	Displayport	1 x VGA , 1 xHDMI 1.4		
Audio	Speaker	2W x 2		
Ethernet	Connector	1 x RJ45		
	Wake on Lan	Yes		
	WIFI/ Bluetooth	IEEE 802.11a/b/g/n/ac/ax , Bluetooth 5.3 (Dual antenna)		
Storage	Slot	M.2 for NVME 2280 SSD		
General	Material & Color	Metal Housing with Black Matte Paint		
	Camera	2 MP		
	4G(Optional)	N100 does not support 4G functionality due to structural reasons.		
	Metal Button	1×Power button; 1×Reset button (1×Power button for 10 inch)		
Rear Panel I/O	USB	3xUSB 3.0 1xUSB 2.0		
	Audio	Line-out x 1,　Mic-in x 1		
	LAN	1 x (10/100/1000Mbps)		
	VGA	1		
Insider PCBA	M.2	1×for NVME 2280 SSD		
	SATA3.0	1		
	COM	2 x RS232+1 x RS485 or RS422		
	USB 2.0	6 x USB2.0 header		
	I/O	4 x GPIO		
Hardware Monitor	Hardware Monitor	CPU temperature sensor;Voltage sensor; Watch dog; Plug and Start		
	Included in Box	Ultron tablet, Power Adaptor, Power cable		
	Operating Environment	Working Temperature: 0-45 degree celsius		
	Language	Multi language		
Power Management	Power supply unit	External	External	External
	Power supply	DC 12V 5A	DC 12V 5A	DC 12V 5A
	Power usage	TBD	TBD	40.5W typical, 1.3W stand by, 1.3W off mode
Sustainability	Regulations	FCC, CE, RoHS support		
	REACH SVHC	REACH does not contain SVHC above 0.1%: Lead		
Mounting	VESA	VESA75 for 10inch, VESA 100 for 15.6 and 21.5 inch		
Dimensions	Size (WxDxH)	10 inch: TBD 15.6 inch: 376.47 x 228.47 x 42.8mm 21.5 inch: 515.87 x 311.87 x 42.8mm		
	Product Weight	TBD	2.9kg	4.9kg
	Gift Box Size	10 inch: TBD 15.6inch: 443 x 115 x 303 mm 21.5inch: 583 x 115 x 382mm		
	Master Carton Size	10 inch: TBD 15.6inch: 464 x 365 x 327mm 21.5inch: 604 x 248 x 406mm		
	Master Carton Weight	10 inch: TBD 15.6 inch: 12.3Kg 21.5 inch: 15.3Kg		
	Units per Master Carton	10 inch: TBD 15.6inch: 3pcs 21.5inch: 2 pcs		

Peripheral Options

1D Barcode Newland	BC100-NEW
2D Barcode Zebra	BC200-ZEB
Elatec RFID Reader Metal Housing	NEBA1703 PART#E002
Windows11 IoT Enterprise LTSC	ULT Part# WIN KEY

Mounting Options

Wall Mount	WM015012S
Desk Mount	FIX-027 (Foldable base bracket)
	FIX-028 (Adjustable Desk Mount)
	FIX-030 (Foldable base bracket)

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