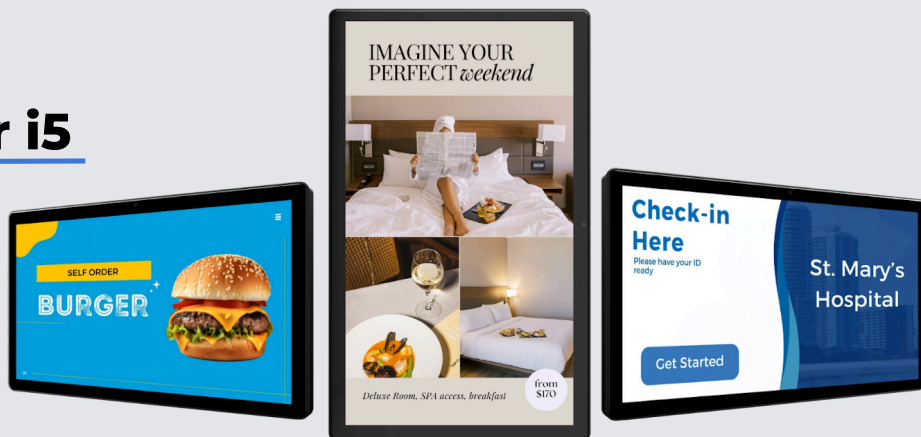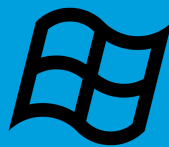# Ultron Windows Touchscreen Computer i5

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® i5-1235U 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 (USB 3.0/3.2, dual RJ45 Ethernet, Wi-Fi 6, and optional 4G LTE) 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		I5- 1235U		
Model Number		ULT101 Part#1235U	ULT156 Part#1235U	ULT215 Part#1235U
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	216.96x135.6mm	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	i5-1235U		
	P-core Max Turbo Frequency	4.4GHz		
	E-core Max Turbo Frequency	3.3GHz		
	core	10		
	Thread	12		
	CPU Cache	12MB		
	BIOS	AMI UEFI BIOS		
RAM	RAM	8GB , Dual Channel SO-DIMM DDR4 (Max 64GB)		
ROM	Storages	256GB, M.2 for NVME 2280 SSD		
Software	OS	Windows 11 64 bit, Linux 64 bit		
Display	GPU Chipset	Intel Iris® Xe Graphics eligible/UHD Graphics depends on CPU		
	Displayport	N/A		
Audio	Speaker	2W x 2		
Ethernet	Connector	2 x RJ45		
	Wake on Lan	Yes		
	WIFI/ Bluetooth	IEEE 802.11a/b/g/n/ac/ax(PreStandard) , Bluetooth 5.0 (Dual antenna)		
Storage	Slot	M.2 for NVME 2280 SSD		
General	Material & Color	Metal Housing with Black Matte Paint		
	Camera	2 MP		
	4G(Optional)	4G and WIFI function Choose one of the two		
	Metal Button	1×Power button; 1×Reset button (1×Power button for 10 inch)		
Rear Panel I/O	USB	4xUSB 3.2		
	Audio	Line-out x 1, Mic-in x 1		
	LAN	1 x (1000Mbps) ; 1 x (2500Mbps)		
	VGA	N/A		
Insider PCBA	M.2	1×for NVME 2280 SSD		
	SATA3.0	1		
	COM	6 x RS232(default) or 5*RS232+1*RS485(COM1)		
	USB 2.0	4 x USB2.0 header		
	I/O	8 x GPIO		
Hardware Monitor	Hardware Monitor	CPU system temperature; onboard voltage; Watchdog; and auto power on		
	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	12V 7.5A	DC 12V 7.5A	DC 12V 7.5A
	Power usage	TBD	55W typical, 1.3W stand by, 1.3W off mode	TBD
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
4G (LTE) Module	JAF-009

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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