

Ultron Windows Touchscreen Computer i3









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®i3-1215U 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

Screen Stop	Processors		LUTION D WASTER	I3- 1215U	LII T015 D	
Panel Info	Model Number		ULT101 Part#1215U	ULT156 Part#1215U	ULT215 Part#1215U	
Panel Brightness 300cd/m² 430cd/m² with touch Screen 400cd/m² with 100cd 169		D 1.:				
Brightness	Panel Info					
Contrast Ratio				,		
Aspect Ratio 16:10 16:9 16:9 16:0				·		
Active Display Area 2(8)6013.6 mm 344-16 + 133.59 mm 476.06 x 276						
Response time		·				
Viewing Angle		, ,				
Touch Tech						
Hardness Of Surface 10inch: > 6H 156inch: > 7H 215inch: > 9H 10inch: > 6H 156inch:	Touch Data					
Hardness Of Surface 10inch: 5 EH 15 Sinch: 2 PM 2 15 Sinch: 1 SeH 1 Touch method Finger touch. Capacitive stylus Transparency 10 Jinch and 2 I Sinch: 286% 15 Sinch:	TOUCH Data	Touch rech				
Transparency		Hardness Of Surface				
Class Thickness 2mm (Not including Sensor thickness)		Touch method				
Bonded Panel 15.6inch -21.5inch: Support Optical bonded capacitive touch Panel 10inch: Not supported Branded Panel 2012 15.125 15.		Transparency				
CPU		Glass Thickness	2mm (Not including Sensor thickness)			
CPU System		Bonded Panel	15.6inch -21.5inch : Support Optical bonded capacitive touch Panel			
P-core Max Turbo			10inch: Not supported Bonded Panel			
Frequency E-core Max Turbo 3.3 GHz						
E-core Max Turbo Frequency Core 6 6 6 6 6 6 6 6 6	System		4.4GHz			
Frequency Core 6 6 Thread 8 8 CPU Cache 10MB BIOS AMI UEFI BIOS RAM RAM RGB, Dual Channel SO-DIMM DDR4 Max 64GB Storages 25GB, M.2 for NVME 2280 SSD Software OS Windows 11 64 bit, Linux 64 bit Display CPU Chipset Intel Iris® Xe Graphics eligible/UHD Graphics depends on CPU Display Displayport NiA Audio Speaker 2W x 2 Ethernet Connector 2 x R/3 WilFV Bluetooth WilFV Bluetooth Research WilFV Bluetooth Research Research WilFV Bluetooth Research WilFV Bluetooth Research Camera 2 MP 44C(Optional) 4 G and WIFI function Choose one of the two Rear Panel I/O Rear Panel I/O USB 4 xUSB 3.2 Audio Line-out x.1, Mic-in x.1 LAN 1 x (1000Mbps) : 1 x (2500Mbps) VGA N/A Audio Line-out x.1, Mic-in x.1 LAN 1 x (1000Mbps) : 1 x (2500Mbps) VGA N/A Nest ATA3.0 1 COM 6 x R2322(default) or 5*PRS232*1*PS485(COM1) Hardware Monitor CPU system temperature; onboard voltage; Watchdog; and auto power on Included in Box Ultron tablet, Power Adaptor, Power cable Operating Environment Language Working Temperature: 0-45 degree celsius Environment Language Multi language Power Supply unit External External Power supply unit External External Power supply in the Research Power supply 12V 75A DC 12V 75A DC 12V 75A DC 12V 75A DC 12V 75A REACH 50HC REACH 50HC REACH 50HC REACH 50HC REACH 50HC REACH 50HC REACH 50HC REACH 50HC REACH 50HC REACH 50HC REACH 50HC REACH 50HC REACH 50HC REACH 50HC			7.7011-			
Core			3.3GHz			
Thread B CPU Cache 10MB BIOS AMI UEFI BIOS AMI OF AMI AMI AMI OF AMI			6			
BIOS RAM RCM						
RAM		CPU Cache				
ROM			AMI UEFI BIOS			
ROM Storages 256GB, M.2 for NVME 2280 SSD	RAM	RAM	8GB , Dual Channel SO-DIMM DDR4			
Display	DOM	Storagos	1 /			
Display						
Displayport Speaker 22 W x 2						
Audio Speaker 2W x 2 Connector 2 x R]45	Display					
Connector Vake on Lan V	Audio					
Storage Slot		·				
Storage Slot Material & Color Metal Housing with Black Matte Paint		Wake on Lan				
Storage Slot Material & Color Metal Housing with Black Matte Paint		WIFI/ Bluetooth				
Material & Color	_		(Dual antenna)			
Camera 2 MP	Storage	Slot	M.2 for NVME 2280 SSD			
AG(Optional)	General	Material & Color	Metal Housing with Black Matte Paint			
Metal Button		Camera	2 MP			
Company Comp		4G(Optional)	4G and WIFI function Choose one of the two			
Near Panel No		Metal Button				
Audio						
LAN	Rear Panel I/O					
N/A M.2 SATA3.0 COM COM USB 2.0 Hardware Monitor Honitor Honey Power Management Power supply Power usage Power Wanagement Power supply Power usage REACH SVHC REACH SVHC N/A N/A N/A N/A N/A N/A N/A N/						
Insider PCBA M.2 SATA3.0 1						
SATA3.0 1						
COM 6 x RS232(default) or 5*RS232+1*RS485(COMI) USB 2.0 4 x USB2.0 header I/O 8 x GPIO Hardware Monitor Included in Box Ultron tablet, Power Adaptor, Power cable Operating Environment Language Working Temperature: 0-45 degree celsius Environment Power supply unit External External External Power supply 12V 7.5A DC 12V 7.5A DC 12V 7.5A Sustainability Regulations FCC, CE, RoHS support REACH SVHC REACH does not contain SVHC above 0.1%: Lead	Insider DCDA					
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Hardware Monitor Hardware Monitor						
Monitor Included in Box Ultron tablet, Power Adaptor, Power cable	Hardware					
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Power Supply unit External Ext			Multi language			
Management Power supply 12V 7.5A DC 12V 7.5A DC 12V 7.5A Power usage TBD TBD TBD Sustainability Regulations FCC, CE, RoHS support REACH SVHC REACH does not contain SVHC above 0.1%: Lead	Power		External		External	
Power usage TBD TBD TBD Sustainability Regulations FCC, CE, RoHS support REACH SVHC REACH does not contain SVHC above 0.1%: Lead					DC 12V 7.5A	
Sustainability Regulations FCC, CE, RoHS support REACH SVHC REACH does not contain SVHC above 0.1%: Lead					TBD	
REACH SVHC REACH does not contain SVHC above 0.1%: Lead	Sustainability	-				
	Sustainability	-				
MOUNTING VESA 100 for 15 6 and 21 5 inch	Mar. 11					
	Mounting					
	Dimensions	, ,				
				5	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 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		Master Carton Woight	10 inch: TDD 15 6 inch: 12 71/a 21 5 inch: 15 71/a			
Master Carton Weight 10 Inch. 15.0 Inch. 12.3kg Zi.5 Inch. 15.5kg		Master Carton Weight	10 inch: TBD 15.6 inch: 12.3Kg 21.5 inch: 15.3Kg			
Units per Master 10 inch: TBD 15.6inch: 3pcs 21.5inch: 2 pcs			10	inch: TBD 15.6inch: 3pcs 21.5inch: 2 p	ocs	
Carton		Carton				

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	1AF-009

Mounting Options

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

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