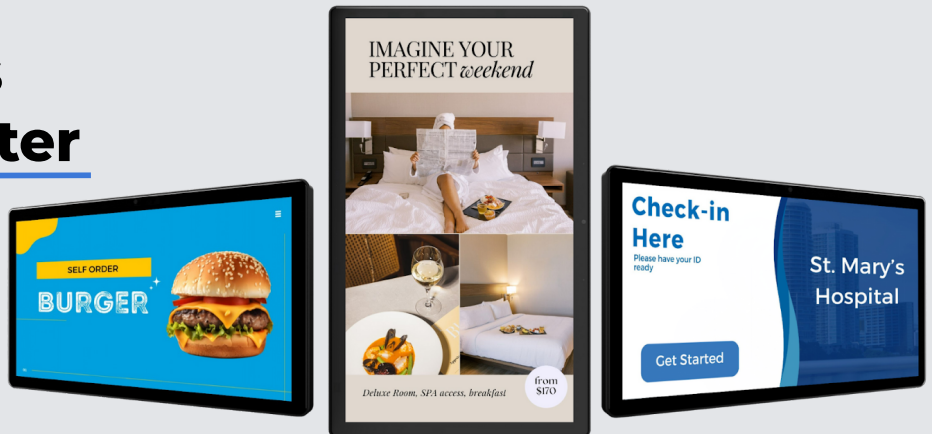




GLORYSTAR

ULTRON Windows Touchscreen Computer



Capacitive Touch



Windows



Durable Built to Last

Overview

The Ultron Windows Touchscreen Computers is a versatile and powerful all-in-one solution ideal for both professional and personal use. With its sleek design and advanced touch technology, this touchscreen computer combines functionality and aesthetics, making it suitable for various applications, from business to entertainment.

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

The most common operating system.

Easy deployments with various VESA mounting.

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

ULT156 / ULT215

ULTRON							
Processors		N100		i3- 1215U		i5- 1235U	
Model Number		ULT156 Part#N100	ULT215 Part#N100	ULT156 Part#1215U	ULT215 Part#1215U	ULT156 Part#1235U	ULT215 Part#1235U
Screen Size		15.6"	21.5"	15.6"	21.5"	15.6"	21.5"
Panel Info	Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Panel Brightness	450cd/m²	450cd/m²	450cd/m²	450cd/m²	450cd/m²	450cd/m²
	Brightness	400cd/m² with touch Screen	400cd/m² with touch Screen	400cd/m² with touch Screen	400cd/m² with touch Screen	400cd/m² with touch Screen	400cd/m² with touch Screen
	Contrast Ratio	1000:1	1300:1	1000:1	1300:1	1000:1	1300:1
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
	Active Display Area	344.16 × 193.59 mm	476.064 x 267.786mm	344.16 × 193.59 mm	476.064 x 267.786mm	344.16 × 193.59 mm	476.064 x 267.786mm
	Response time	20ms	14ms	20ms	14ms	20ms	14ms
Viewing Angle	89°/89°/89°/89°	89°/89°/89°/89°	89°/89°/89°/89°	89°/89°/89°/89°	89°/89°/89°/89°	89°/89°/89°/89°	89°/89°/89°/89°
Touch Data	Touch Tech	G+G 10 point cap touch Anti-glare glass					
	Hardness Of Surface	15.6inch: ≥ 7H 21.5inch: > 6H					
	Touch method	Finger touch 、 Capacitive stylus					
	Transparency	15.6inch: ≥85% 21.5inch : ≥86%					
	Glass Thickness	2mm (Not including Sensor thickness)					
	Bonded Panel	Optical bonded capacitive touch Panel					
CPU & System	CPU	N100		i3-1215U		i5-1235U	
	P-core Max Turbo Frequency	3.4GHz (CPU Turbo Boost)		4.4GHz		4.4GHz	
	E-core Max Turbo Frequency	N/C		3.3GHz		3.3GHz	
	core	4		6		10	
	Thread	4		8		12	
	CPU Cache	6MB		10MB		12MB	
	BIOS	AMI UEFI BIOS					
RAM	RAM	8GB , Single Channel SO-DIMM DDR4(Max 16GB)		8GB , Dual Channel SO-DIMM DDR4 (Max 64GB)			
ROM	Storages	256GB, M.2 for NVME 2280 SSD		256GB, M.2 for NVME 2280 SSD			
Software	OS	Win10/11 64 bit, Linux 64 bit		Windows 11 64 bit, Linux 64 bit			
Display	GPU Chipset	Integrated Intel® UHD Graphics		Intel Iris® Xe Graphics eligible/UHD Graphics depends on CPU			
	Displayport	1 x VGA , 1 xHDMI 1.4		N/A			
Audio	Speaker			2W x 2			
Ethernet	Connector	1 x RJ45		2 x RJ45			
	Wake on Lan	Yes					
	WIFI/ Bluetooth	IEEE 802.11a/b/g/n/ac/ax, Wi-Fi compliant , Bluetooth 5.0		IEEE 802.11a/b/g/n/ac/ax(PreStandard) , Bluetooth 5.0 (Dual antenna)			
Storage	Slot	M.2 for NVME 2280 SSD		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					
Rear Panel I/O	USB	3xUSB 3.0 1xUSB 2.0		4xUSB 3.2			
	Audio	Line-out x 1, Mic-in x 1					
	LAN	1 x (10/100/1000Mbps)		1 x (1000Mbps) ; 1 x (2500Mbps)			
	VGA	1		N/A			
Insider PCBA	M.2	1×for NVME 2280 SSD		1×for NVME 2280 SSD			
	SATA3.0	1		1			
	COM	2 x RS232+1 x RS485 or RS422		6 x RS232(default) or 5*RS232+1*RS485(COM1)			
	USB 2.0	6 x USB2.0 header		4 x USB2.0 header			
	I/O	4 x GPIO		8 x GPIO			
Hardware Monitor	Hardware Monitor	CPU temperature sensor;Voltage sensor; Watch dog; Plug and Start		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	external	external	external
	Power supply	DC 12V 5A	DC 12V 5A	DC 12V 7.5A	DC 12V 7.5A	DC 12V 7.5A	DC 12V 7.5A

	Power usage	TBD	40.5W typical, 1.3W stand by, 1.3W off mode	TBD	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	VESA 100 for 15.6 and 21.5 inch					
Dimensions	Size (WxDxH)	15.6 inch: 376.47 x 228.47 x 42.8mm			21.5 inch: 515.87 x 311.87 x 42.8mm		
	Product Weight	2.9kg	4.9kg	2.9kg	4.9kg	2.9kg	4.9kg
	Gift Box Size	15.6inch: 443 x 115 x 303 mm			21.5inch: 583 x 115 x 382mm		
	Master Carton Size	15.6inch: 464 x 365 x 327mm			21.5inch: 604 x 248 x 406mm		
	Master Carton Weight	15.6 inch: 12.3Kg			21.5 inch: 15.3Kg		
	Units per Master Carton	15.6inch: 3pcs			21.5inch: 2 pcs		

ULT101

J6412 /I3- 1215U / I5- 1235U

Processors		J6412	I3- 1215U	I5- 1235U
Model Number		ULT101 Part#J6412	ULT101 Part#1215U	ULT101 Part#1235U
Screen Size		10"	10"	10"
Panel Info	Resolution	1280x 800	1280x 800	1280x 800
	Panel Brightness	500cd/m²	500cd/m²	500cd/m²
	Brightness	425cd/m² with touch Screen	425cd/m² with touch Screen	425cd/m² with touch Screen
	Contrast Ratio	800:1	800:1	800:1
	Aspect Ratio	16:10	16:10	16:10
	Active Display Area	216.96x135.6mm	216.96x135.6mm	216.96x135.6mm
	Response time	30ms	30ms	30ms
	Viewing Angle	H:170°/ V: 170°	H:170°/ V: 170°	H:170°/ V: 170°
Touch Data	Touch Tech	G+G 10 point cap touch		
	Hardness Of Surface	≥ 6H		
	Touch method	Finger touch 、 Capacitive stylus		
	Transparency	10.1inch : ≥86% 15.6inch -21.5inch : ≥85%		
	Response Time	TBD	TBD	TBD
	Touch Glass Thickness	2.9mm	2.9mm	2.9mm
CPU & System	CPU	J6412	i3-1215U	i5-1235U
	P-core Max Turbo Frequency	2.6GHz (CPU Turbo Boost)	4.4GHz	4.4GHz
	E-core Max Turbo Frequency	2.0GHz (Base Frequency)	3.3GHz	3.3GHz
	core	4	6	10
	Thread	4	8	12
	CPU Cache	1.5MB	10MB	12MB
	BIOS	AMI UEFI BIOS		
RAM	RAM	8GB , Single Channel SO-DIMM DDR4 (Max 32GB)	8GB , Dual Channel SO-DIMM DDR4 (Max 64GB)	
ROM	Storages	For 10 inch M.2 256GB SSD For 15 and 21 inch SATA3.0 256GB SSD	256GB, M.2 for NVME 2280 SSD	
Software	OS	Windows 10 IoT Enterprise LTSC 2019 english version 64 bit), Linux 32 / 64 bit	Windows 11 64 bit, Linux 64 bit	
Display	GPU Chipset	Intel® UHD Graphics for 10th Gen	Intel Iris® Xe Graphics eligible/UHD Graphics depends on CPU	
	Displayport	1 x DP 1.4	N/A	
Audio	Speaker	2W x 2		
Ethernet	Connector	2 x RJ45		
	Wake on Lan	Yes		
	WIFI/ Bluetooth	IEEE 802.11a/b/n/ac, Wi-Fi compliant , Bluetooth 4.0	802.11a/b/g/n/ac/ax(PreStandard) , Bluetooth 5.0 (Dual antenna)	
Storage	Slot	For 10 inch : 1x M.2 for 2280 SSD For 15 and 21 inch : 1x SATA3.0	M.2 for NVME 2280 SSD	
General	Material & Color	Metal Housing with Black Matte Paint		
	Chassis	N/A		
	Front	N/A		
	Back	N/A		
	Camera	2 MP		
	4G(Optional)	4G and WIFI function Choose one of the two	4G and WIFI function Choose one of the two (The 10.1-inch structure does not have 4G function)	
	Metal Button	1×Power button; 1×Reset button (1×Power button for 10 inch)		

Rear Panel I/O	USB 3.0	4xUSB 3.2	4xUSB 3.2	
	Audio	Line-out x 1, Mic-in x 1		
	LAN	2 x (10/100/1000Mbps)	1 x (1000Mbps) ; 1 x (2500Mbps)	
Insider PCBA	M.2	1*for 2280 SSD	1*for NVME 2280 SSD	
	SATA3.0	1	1	
	COM	5 x RS232 / 1 x RS485 (inside PCBA)	6 x RS232(default) or 5*RS232+1*RS485(COM1) (inside PCBA)	
	USB 2.0	2 x USB2.0 header (inside PCBA)	4 x USB2.0 header (inside PCBA)	
	I/O	8 x GPIO (inside PCBA)	8 x GPIO (inside PCBA)	
Power	Standard Port	1 x 12V DC-IN		
Hardware Monitor	Hardware Monitor	CPU temperature sensor; Voltage sensor; Watchdog; Plug and Start	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		
	Power supply	12V 5A	12V 7.5A	12V 7.5A
	Power usage			
Sustainability	Regulations	FCC, CE, RoHS support		
	REACH SVHC	REACH does not contain SVHC above 0.1%: Lead		
Mounting	VESA	VESA 75		
Dimensions	Size (WxDxH)	266.36 x 185 x 43.7mm		
	Product Weight	1.95Kg	1.95Kg	1.95Kg
	Gift Box Size	396 x 241 x 86 mm		
	Master Carton Size	506 x 410 x 288mm		
	Master Carton Weight	16Kg		
	Units per Master Carton	6pcs		

Peripheral Options

1D Barcode Newland	NEBAI701 PART#N002
2D Barcode Honeywell	NEBAI702 PART#H002
2D Barcode Zebra	NEBAI702 PART#Z002
Elatec RFID Reader Metal Housing	NEBAI703 PART#E002
Windows 10 IoT License	ULT Part# WIN KEY
Windows11 IoT Enterprise LTSC	ULT Part# WIN KEY
256GB SSD Upgrade	X000103
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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