

ULTRON Windows Touchscreen Computer (Celeron)



Capacitive Touch



Windows



Durable Built to Last

Overview

Ultron Windows Tablet Series is designed to be placed individually as an all-in-one kiosk. There are VESA mounting holes at the back for easy installations.

Available in 10.1", 15.6" and 21.5" widescreen

The most common operating system

Easy deployments with various VESA mounting

Specification

J6412				
	Model	ULT101 Part#J6412	ULT156 Part#J6412	ULT215 Part#J6412
Screen Size	Size	10"	15.6"	21.5"
Panel Info	Resolution	1280 x 800	1920 x 1080	1920 x 1080
	Panel Brightness	500cd/m ²	250cdm ²	500cd/m ²
	Brightness	425cd/m ² with touch Screen	TBD	425cd/m ² with touch Screen
	Contrast	800:1	800:1	1000:1
	Aspect Ratio	16:10	16:9	16:9
	Active Display Area	216.96 × 135.6 mm	344.16 × 193.59 mm	476.06 × 267.786 mm
	Viewing Angle	H:170°/ V: 170°	H:170°/ V: 170°	H:178°/ V: 178°
Touch Data	Response time	30ms	25ms	20ms
	Touch Tech	G+C 10 point cap touch		
	Hardness Of Surface	≥ 6H		
	Touch method	Finger touch 、Capacitive stylus		
	Transparency	≥86%	≥85%	
	Response Time	TBD	< 5ms	< 5ms
CPU & System	Touch Glass Thickness	2.9mm	2.05mm	2.95mm
	CPU	J6412		
	P-core Max Turbo Frequency	2.6GHz (CPU Turbo Boost)		
	E-core Max Turbo Frequency	2.0GHz (Base Frequency)		
	Core	4		
	Thread	4		
	CPU Cache	1.5MB		
RAM	BIOS	AMI UEFI BIOS		
	RAM	8GB , Single Channel SO-DIMM DDR4 (Max 32GB)		
ROM	Storages	For 10 inch M.2 256GB SSD For 15 and 21 inch SATA3.0 256GB SSD		
Software	OS	Windows 10 IoT Enterprise LTSC 2019 english version 64 bit), Linux 32 / 64 bit		
Display	GPU Chipset	Intel® UHD Graphics for 10th Gen		
	Displayport	1 x DP 1.4		
Audio	Speaker	10 inch: 2W x 2 15 and 21 inch: 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		
Storage	Slot	For 10 inch : 1x M.2 for 2280 SSD For 15 and 21 inch : 1x SATA3.0		
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		
	Metal Button	1×Power button; 1×Reset button (1×Power button for 10 inch)		
Rear Panel I/O	USB 3.0	4xUSB 3.2		
	Audio	Line-out x 1, Mic-in x 1		
	LAN	2 x (10/100/1000Mbps)		
Insider PCBA	M.2	1×for 2280 SSD		
	SATA3.0	1		
	COM	5 x RS232 / 1 x RS485 (inside PCBA)		
	USB 2.0	2 x USB2.0 header (inside PCBA)		
	I/O	8 x GPIO (inside PCBA)		
	Standard Port	1 x 12V DC-IN		
Power Hardware Monitor	Hardware Monitor	CPU temperature sensor; Voltage sensor; Watchdog; Plug and Start		
	Included in Box	Ultron tablet, Power Adaptor, Power cable		
	Consumption	18W	30W	36W
	Power Adaptor	12V 5A	12V 5A	12V 5A
	Operating Environment	Working Temperature: 0-45 degree celsius		
	Language	Multi language		
Mounting	VESA	VESA 75 for 10 inch, VESA 100 for 15.6 and 21.5 inch		
Dimensions	Size (WxDxH)	266.36 x 185 x 43.7mm	393.27 x 250.27 x 44mm	530.5 x 322 x 44mm
	Product Weight	1.95Kg	3.3Kg	6Kg
	Gift Box Size	396 x 241 x 86 mm	443 x 115 x 303 mm	583 x 115 x 382mm
	Master Carton Size	506 x 410 x 288mm	464 x 365 x 327mm	604 x 248 x 406mm
	Master Carton Weight	16Kg	12.3Kg	15.3Kg
	Units per Master Carton	6pcs	3pcs	2pcs

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
Windows 11 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)

CONTACT US

United States	Hong Kong	ShenZhen
101 Hudson St., 21st Floor Jersey City, NJ 07302 626 228 5927	Flat D, 5/F, Excelsior Building, 364 Nathan Road, Kowloon, Hong Kong 852 23762803	Bldg. 9, 4/F Zhong Yuntai Technology Industrial Park, Tangtou No.1 Road, Shiyan Street, Baoan, ShenZhen, PRC 86 755 2600 1808

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