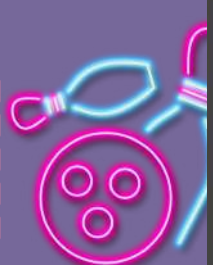


Gaming user control

USER 1 - ENTER
BIRTH DATE

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



Kiosk & EPOS



Check in terminals

PLEASE CONFIRM YOUR
GENDER

MALE ☐

FEMALE ☐

PREFER NOT
TO SAY ☐



Cardio
Exercise

Cardio
Exercise

Cardio
Exercise

38:14

16.5

NEBULA RANGE

Industrial high reliability ANDROID tablets



The Nebula touchscreen computer is a versatile device that caters to various applications, including health checking, check-in systems, fridge consoles, gaming, and fitness scoreboards. It offers a comprehensive solution for interactive displays enabling intuitive user interaction and engagement.

- Support Android 12
- Remote manage with ease
- Free kiosk lockdown app
- Add-on peripheral slots and supports POE
- Open source API
- High brightness panel at 500cd/m²

Flexible Mounting & Orientation

Designed for versatile installation, the display can be used in portrait, landscape or table-top orientation, making it easy to adapt to kiosks, counters, wall-mounted systems and interactive commercial applications.



Secure Wall Mounting

A robust metal mounting bracket designed to securely fix touchscreen displays to the wall, providing a clean, space-saving installation with a sleek and professional finish.

Peripheral Integration

Compatible with leading barcode scanners, RFID readers and sensors, enabling reliable data capture for AI-driven and interactive applications. Multiple I/O options, including USB 3.0, USB-C and RJ45, provide flexible integration with peripherals, IoT devices and connected systems.



POE

Power over Ethernet (PoE) support helps simplify installation by delivering both power and data through a single Ethernet connection, reducing cabling and making deployment easier in commercial and kiosk environments. IEEE 802.3af/at/bt PoE is supported on the 10.1" and 15.6" models, with PoE available as an optional feature on the 21.5" version.

OPEN SOURCE API



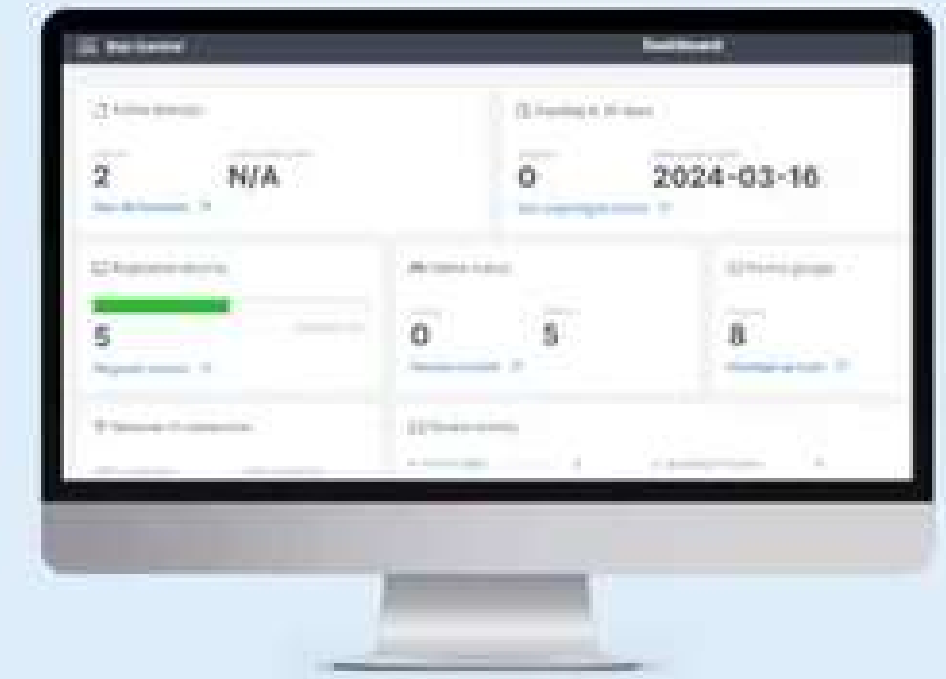
STAR TOOL is an open source API that allows third party developers to control Glory Star hardware with ease

KIOSK LOCKDOWN APP



Use **FREE Staros** to auto start videos, webpages and apps, and prevent unwanted third party access to ensure secure in wall touch screen on Nebula kiosk touchscreen computer

REMOTE MANAGEMENT



Use **StarControl** to remotely manage all Glory Star devices at the same time, systematically update and manage user requests in one single MDM platform.

Compare the Nebula Range

Three Android touchscreen series for kiosks, self-service and commercial applications.



Nebula AI

★ Most Advanced

	Best for	AI kiosks & smart interactive displays
	OS	Android 15
	Processor	Cortex-A72 + A53
	Performance	6 TOPS AI NPU
	Memory	4GB RAM / 64GB Storage
	Sizes	10.1", 15.6", 21.5"
	Connectivity	Wi-Fi 6, Bluetooth 5.0, LAN, PoE
	Key extras	Barcode, RFID, sensors, optional 4G



Nebula Lite

🏷 Best Value

	Best for	Everyday self-service & entry-level kiosks
	OS	Android 11
	Processor	Quad-core Cortex-A53
	Performance	Cost-effective touchscreen platform
	Memory	2GB RAM / 32GB Storage
	Sizes	10.1", 15.6", 21.5"
	Connectivity	Wi-Fi, Bluetooth 5.0, LAN
	Key extras	Touch-first, peripheral ready



Nebula Powerwise

⚖ Balanced Performance

	Best for	Commercial kiosks & connected business applications
	OS	Android 13
	Processor	Octa-core Cortex-A73 + A53
	Performance	Balanced, energy-efficient platform
	Memory	4GB RAM / 64GB Storage
	Sizes	10.1", 15.6", 21.5"
	Connectivity	Wi-Fi 6, Bluetooth 5.1, Gigabit LAN, PoE
	Key extras	Optional 4G, kiosk mode, MDM ready



All models support 10-point capacitive touch and are designed for retail, hospitality, self-service and commercial environments.

NEBULA AI

SPECIFICATION	10.1 inch	15.6 inch	21.5 inch
Aspect Ratio	16:10	16:9	16:9
Resolution	1280x800	1920x1080	1920x1080
Panel Brightness	500cdm²	450cd/m²	450cd/m²
Response Time	30ms	20ms	14ms
Contrast Ratio	800:1	1000:1	1300:1
Viewing Angle	85°/85°/85°/85°	89°/89°/89°/89°	89°/89°/89°/89°
Touch Technology	G+G 10 point PCAP touch	G+G 10 point PCAP touch	G+G 10 point PCAP touch
Touch glass thickness	2mm	2mm	2mm
Product dimensions	256.96 x 175.6 x 28.85mm	375.98 x 32 x 227.98mm	515.97 x 36 x 311.97mm
Active Display area	216.96 × 135.6 mm	344.16 × 193.59 mm	476.064 x 267.786mm
Product weight	1.1kg	2.1kg	3.6kg
VESA	75 x 75mm	100 x 100mm	100 x 100mm
Speakers	2x2W	2x5W	2x5W
Temp spec	0~45°C	0~45°C	0~45°C
Power Supply	DC 12V 2A	DC 12V 5A	DC 12V 5A
RAM	4GB LPDDR5	4GB LPDDR5	4GB LPDDR5
OS	Android 15	Android 15	Android 15
CPU	Quad-core Cortex-A72 up to 2.2GHz, Quad-core Cortex-A53 up to1.8GHz	Quad-core Cortex-A72 up to 2.2GHz, Quad-core Cortex-A53 up to1.8GHz	Quad-core Cortex-A72 up to 2.2GHz, Quad-core Cortex-A53 up to1.8GHz
AI Processing	6 TOPS (Trillion Operations Per Second) of processing power	6 TOPS (Trillion Operations Per Second) of processing power	6 TOPS (Trillion Operations Per Second) of processing power

NEBULA Lite

SPECIFICATION	10.1 inch	15.6 inch	21.5 inch
Aspect Ratio	16:10	16:9	16:9
Resolution	1280x800	1920x1080	1920x1080
Panel Brightness	250cd/m²	450cd/m²	450cd/m²
Response Time	30ms	20ms	14ms
Contrast Ratio	1000:1	1000:1	1300:1
Viewing Angle	85°/85°/85°/85°	89°/89°/89°/89°	89°/89°/89°/89°
Touch Technology	G+G 10 point PCAP touch	G+G 10 point PCAP touch	G+G 10 point PCAP touch
Touch glass thickness	2mm	2mm	2mm
Product dimensions	256.96 x 175.6 x 28.85mm	375.98 x 32 x 227.98mm	515.97 x 36 x 311.97mm
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Product weight	1.1kg	2.1kg	3.6kg
VESA	75 x 75mm	100 x 100mm	100 x 100mm
Speakers	2x2W	2x5W	2x5W
Temp spec	0~45°C	0~45°C	0~45°C
Power Supply	DC 12V 2A	DC 12V 5A	DC 12V 5A
RAM	2GB LPDDR4	2GB LPDDR4	2GB LPDDR4
OS	Android 11	Android 11	Android 11
CPU	Quad Core ARM Cortex A53 @1.5GHz	Quad Core ARM Cortex A53 @1.5GHz	Quad Core ARM Cortex A53 @1.5GHz

NEBULA Powerwise

SPECIFICATION	10.1 inch	15.6 inch	21.5 inch
Aspect Ratio	16:10	16:9	16:9
Resolution	1280x800	1920x1080	1920x1080
Panel Brightness	500cdm²	450cd/m²	450cd/m²
Response Time	15ms	20ms	14ms
Contrast Ratio	800:1	1000:1	1300:1
Viewing Angle	85°/85°/85°/85°	89°/89°/89°/89°	89°/89°/89°/89°
Touch Technology	G+G 10 point PCAP touch	G+G 10 point PCAP touch	G+G 10 point PCAP touch
Touch glass thickness	2mm	2mm	2mm
Product dimensions	256.96 x 175.6 x 28.85mm	375.98 x 32 x 227.98mm	515.97 x 36 x 311.97mm
Active Display area	216.96 × 135.6 mm	344.16 × 193.59 mm	476.064 x 267.786mm
Product weight	1.1kg	2.1kg	3.6kg
VESA	75 x 75mm	100 x 100mm	100 x 100mm
Speakers	2x2W	2x5W	2x5W
Temp spec	0~45°C	0~45°C	0~45°C
Power Supply	DC 12V 2A	DC 12V 5A	DC 12V 5A
RAM	4GB	4GB	4GB
OS	Android 13	Android 13	Android 13
CPU	8-core CPU (4xA73 2.4GHz & 4xA53 1.9GHz)	8-core CPU (4xA73 2.4GHz & 4xA53 1.9GHz)	8-core CPU (4xA73 2.4GHz & 4xA53 1.9GHz)

ULTRON RANGE

Industrial high reliability WINDOWS tablets



**CLICK FOR
MORE INFO**

Available in 10.1, 15.6, and 21.5 inch sizes, with optional stand configurations, the Ultron touchscreen computers series can be easily customized to meet the diverse needs of your business – from kitchen display, digital signage, point-of-sale to self-service kiosks, Fitness Consoles, and beyond.

- PCAP touch screen
- Windows OS
- Durable and built to last
- Long continuity of supply
- Simple VESA mounting
- Choice of processor

ULTRON RANGE Industrial high reliability WINDOWS tablets

SCREEN SPEC		ULT-101-xx-G 10.1 inch	ULT-156-xx-G 15.6 inch	ULT-215-xx-G 21.5 inch
Aspect Ratio		16:10	16:9	16:9
Resolution		1280x800	1920x1080	1920x1080
Panel Brightness		500cdm ²	250cdm ²	500cdm ²
Response Time		30ms	25ms	20ms
Contrast Ratio		800:1	800:1	1000:1
Viewing Angle		85°/85°/85°/85°	85°/85°/85°/85°	89°/89°/89°/89°
Touch Technology		G+G 10 point PCAP touch	G+G 10 point PCAP touch	G+G 10 point PCAP touch
Touch glass thickness		2.9mm	2.05mm	2.95mm
Product dimensions		266 x 185 x 44 mm	394 x 251 x 44 mm	531 x 322 x 44 mm
Viewing area		217 x 136 mm	344 x 194 mm	476 x 268 mm
Product weight		1.95kg	3.3Kg	6kg
VESA		75 x 75mm	100 x 100mm	100 x 100mm
Speakers		2x2W	2x5W	2x5W
Temp spec		0~45°C	0~45°C	0~45°C
Power consumption	J6412	18W DC 12V 2A (external psu)	30W DC 12V 5A (external psu)	36W DC 12V 5A (external psu)
	i3i215U	55W DC 12V 7.5A (external psu)	60W DC 12V 7.5A (external psu)	65W DC 12V 7.5A (external psu)
	i5-1235U	65W DC 12V 7.5A (external psu)	70W DC 12V 7.5A (external psu)	75W DC 12V 7.5A (external psu)

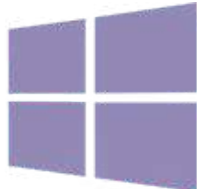
ULTRON RANGE

Industrial high reliability WINDOWS tablets

INTEGRATED PLAYER SPECIFICATION - CELERON J6412

CPU	i3-1215U
P-core max turbo freq	2.6GHz (CPU Turbo boost)
E-core max turbo freq	2.0 GHz (Base frequency)
Core	4
Thread	4
CPU Cache	1.5MB
BIOS	AMI UEFI BIOS
RAM	8GB, Single Ch SO-DIMM DDR4 (Max 32GB)
ROM	10" M.2 256GB SSD 15" & 21" SATA3.0 256GB SSD
OS	Win 10 IoT Ent LTSC 2019 English 64bit. Linux 32/64 bit
GPU Chipset	Intel® UHD Graphics for 10 th gen
Displayport	1 x DP1.4
Speaker	10" 2Wx2 15" & 21" 2Wx2
Ethernet Connector	2 x RJ45
Wake on LAN	Yes
WIFI/Bluetooth	IEEE 802.11a/b/n/ac, WIFI compliant BT 4.0
Storage slot	10" 1xM2.0 for 2280 SSD 15 & 21" 1 x SATA3.0
Camera	2MP
Rear IO USB	4xUSB3.2
Rear IO Audio	1xLine-out, 1xMic-in
Rear IO LAN	2 x (10/100/1000Mbps)

Internal M.2	1 x M.2 to suit 2280SSD
Internal SATA3.0	1
Internal COM	5 x RS232 / 1 x RS485
Internal USB2.0	2 x USB2.0 header
Internal IO	8 x GPIO
Hardware monitor	CPU temp sensor; voltage sensor; watchdog; plug & start



Fully Compatible with Windows 10 64- Bit



Linux provides an ideal environment for developers eager to explore the potential of their devices.



All Wi-Fi Standards from 802.11a to ac for Ultimate Speed and Reliability



Bluetooth 4.0 provides a robust and flexible networking environment

ULTRON RANGE

Industrial high reliability WINDOWS tablets

INTEGRATED PLAYER SPECIFICATION - i3-1215U

CPU	i3-1215U	Internal M.2	1 x to suit NVME 2280SSD
P-core max turbo freq	4.4 GHz	Internal SATA3.0	1
E-core max turbo freq	3.3 GHz	Internal COM	6 x RS232 (default) or 5 x RS232+1 x RS485
Core	6	Internal USB2.0	4 x USB2.0 header
Thread	8	Internal IO	8 x GPIO
CPU Cache	10MB	Hardware monitor	CPU temp sensor; voltage sensor; watchdog; plug & start
BIOS	AMI UEFI BIOS		
RAM	8GB, Dual Ch SO-DIMM DDR4 (Max 64GB)		
ROM	256GB M.2 for NVME 2280 SSD		
OS	Win 11 64bit. Linux 64 bit		
GPU Chipset	Intel Iris® Xe Graphics eligible/UHD depends on CPU		
Displayport	N/A		
Speaker	10" 2Wx2 15" & 21" 2Wx2		
Ethernet Connector	2 x RJ45		
Wake on LAN	Yes		
WIFI/Bluetooth	IEEE 802.11a/b/g/n/ax, WIFI compliant BT 5.0		
Storage slot	M2.0 for NVME 2280 SSD		
Camera	2MP		
Rear IO USB	4xUSB3.2		
Rear IO Audio	1xLine-out, 1xMic-in		
Rear IO LAN	1 x (1000Mbps) ; 1 x (2500Mbps)		



Fully Compatible with Windows 10 64- Bit



Linux provides an ideal environment for developers eager to explore the potential of their devices.



All Wi-Fi Standards from 802.11a to ac for Ultimate Speed and Reliability



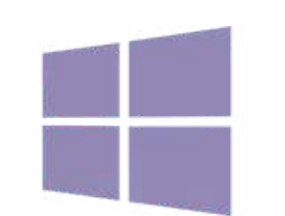
Bluetooth 4.0 provides a robust and flexible networking environment

ULTRON RANGE

Industrial high reliability WINDOWS tablets

INTEGRATED PLAYER SPECIFICATION - i5-1235U

CPU	i5-1235U	Internal M.2	1 x to suit NVME 2280SSD
P-core max turbo freq	4.4 GHz	Internal SATA3.0	1
E-core max turbo freq	3.3 GHz	Internal COM	6 x RS232 (default) or 5 x RS232+1 x RS485
Core	10	Internal USB2.0	4 x USB2.0 header
Thread	12	Internal IO	8 x GPIO
CPU Cache	12MB	Hardware monitor	CPU temp sensor; voltage sensor; watchdog; plug & start
BIOS	AMI UEFI BIOS		
RAM	8GB, Dual Ch SO-DIMM DDR4 (Max 64GB)		
ROM	256GB M.2 for NVME 2280 SSD		
OS	Win 11 64bit. Linux 64 bit		
GPU Chipset	Intel Iris® Xe Graphics eligible/UHD depends on CPU		
Displayport	N/A		
Speaker	10" 2Wx2 15" & 21" 2Wx2		
Ethernet Connector	2 x RJ45		
Wake on LAN	Yes		
WIFI/Bluetooth	IEEE 802.11a/b/g/n/ax, WIFI compliant BT 5.0		
Storage slot	M2.0 for NVME 2280 SSD		
Camera	2MP		
Rear IO USB	4xUSB3.2		
Rear IO Audio	1xLine-out, 1xMic-in		
Rear IO LAN	1 x (1000Mbps) ; 1 x (2500Mbps)		



Fully Compatible with Windows 10 64- Bit



Linux provides an ideal environment for developers eager to explore the potential of their devices.



All Wi-Fi Standards from 802.11a to ac for Ultimate Speed and Reliability



Bluetooth 4.0 provides a robust and flexible networking environment

ULT-101-xx-G Industrial high reliability WINDOWS tablet

The **10.1"** ULTRON Touchscreen Computer series is perfectly suited for kiosks and digital signage, providing various processor options. These devices showcase brilliant IPS touch displays and extensive connectivity, guaranteeing dependable performance across numerous uses.



WINDOWS



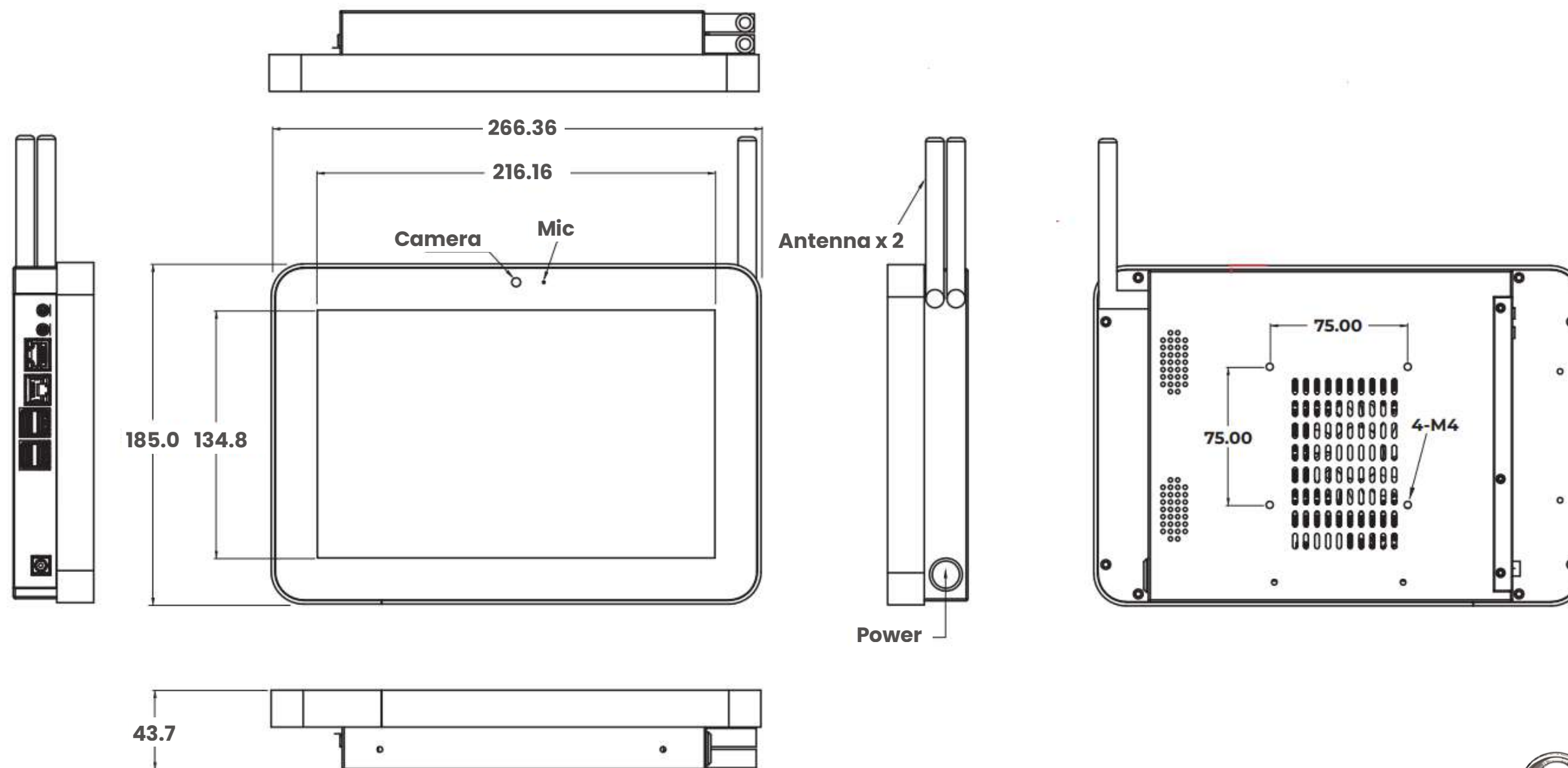
LINUX



WIFI



BLUETOOTH



ULT-156-xx-G Industrial high reliability WINDOWS tablet

This **15.6"** ULTRON touchscreen computer line is built for demanding use in kiosks and digital signage, offering various processor choices. It features clear IPS touch displays and extensive connectivity, ensuring dependable operation for a wide range of applications.



WINDOWS



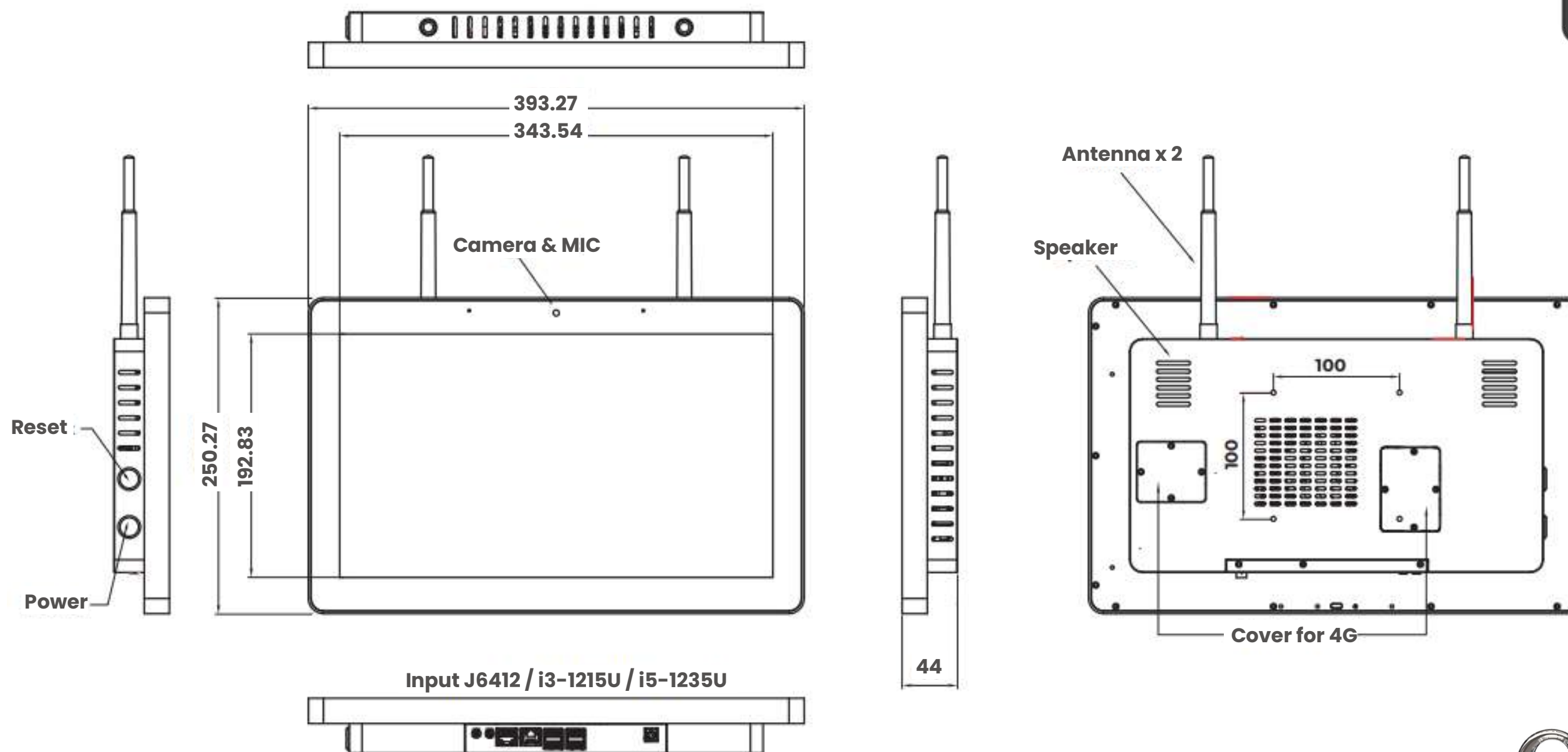
LINUX



WIFI



BLUETOOTH



ULT-215-xx-G Industrial high reliability WINDOWS tablet

The **21.5"** Diagonal ULTRON Touchscreen Computer series offers versatile processor options and vibrant IPS touch displays. Its robust connectivity makes it ideal for diverse applications like kiosks and digital signage, ensuring reliable performance and engaging user interactions.



WINDOWS



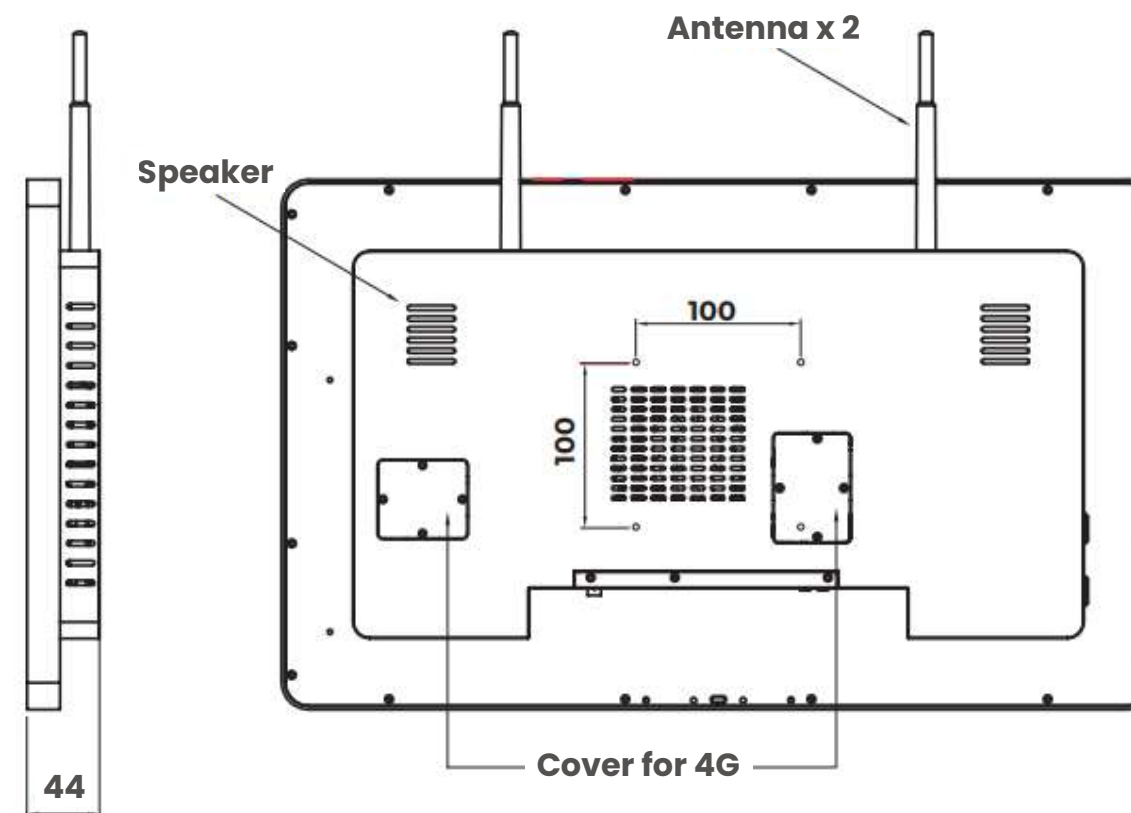
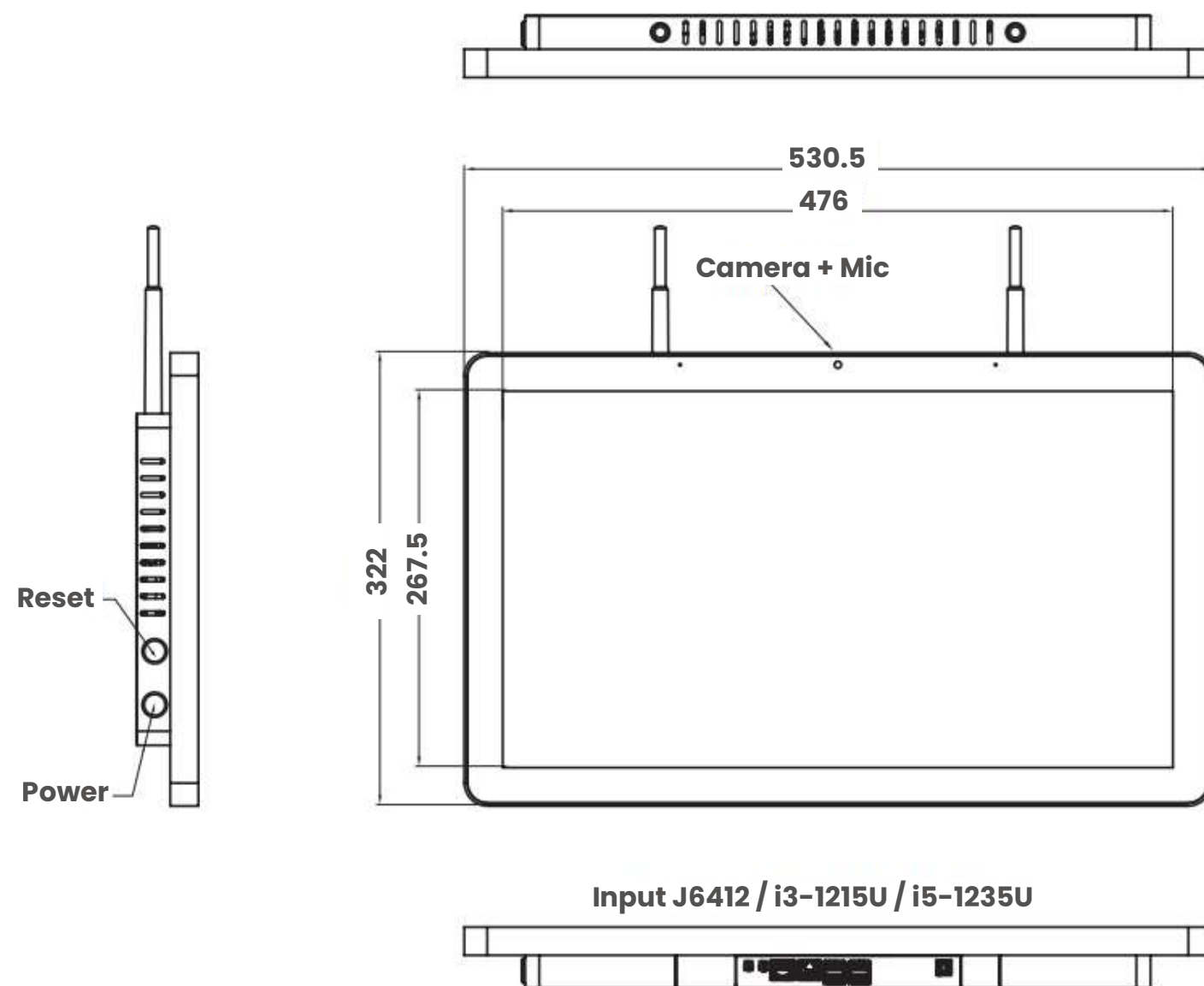
LINUX

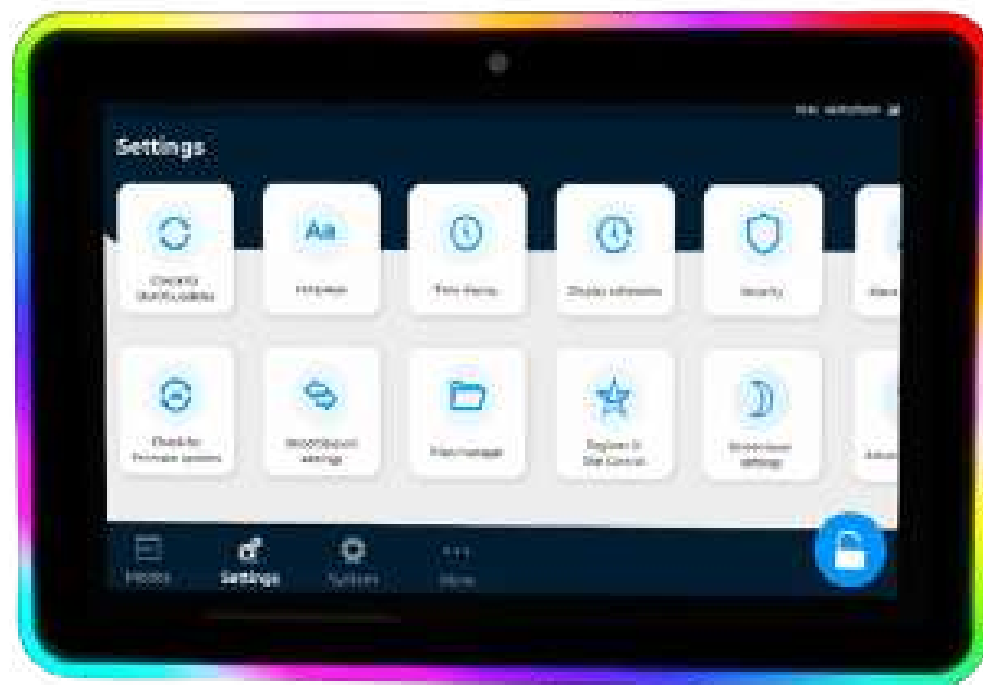


WIFI



BLUETOOTH





NEBULA GLOW

REQUEST

The 10.1" Android Nebula Glow touchscreen computer offers significant utility in a variety of settings such as casinos, meeting rooms, and the retail industry. The LED HALO bezel gives an eye-catching appearance and can be triggered to show different colours & sequences to indicate different conditions.

INFINITUS SIGNAGE

REQUEST

32" and 43" Infinitus narrow bezel Touchscreen Signage is suitable for various applications including gaming tables, digital whiteboards, corporate signages and digital menu board. It can also be used in kiosks for various industries such as retails, hotels, transportations and other commercial settings.



CAPELLA - 37" STRETCHED ANDROID

REQUEST

- Elevate your digital signage with the Capella 37" Stretched LCD Display – a cutting-edge solution designed to captivate.
- Featuring an ultra-wide 32:9 aspect ratio and a sharp 1920x540 resolution, this display delivers a truly immersive visual experience.
- With 700 nits of brightness, it ensures exceptional clarity even in high-ambient light environments.
- Powered by Android 12, the Capella is a versatile and intelligent signage platform ideal for retail, hospitality, transportation hubs, and corporate settings. Whether mounted overhead, integrated into kiosks, or used as dynamic wayfinding, the Capella stands out with its sleek form factor and reliable performance.



*The clear choice
for display solutions*

MAGNETAR - IP65 FRONT

REQUEST

- Free kiosk lockdown app for Android or Windows OS
- 10.1", 15.6" 21.5" high bright 1000cdm²
- Remote manage with ease.
- Touchscreen Monitor.
- The IP65 rating ensures that the front glass is both dust-tight and water-resistant.
- The touch-on-water feature allows you to activate the touchscreen even when water is spilled on the glass or when using latex gloves.



Crystal Display Systems – About us!

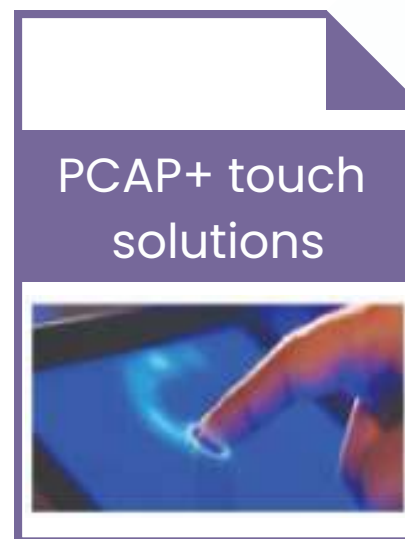
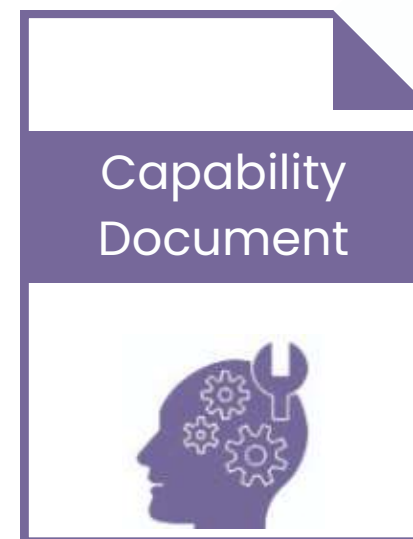
The CDS Philosophy of business – Industrial Displays from Crystal Display Systems the leading designer, distributor, value added reseller as well as the developer of custom monitors and customization of flat panel display solutions.

Established over 12 years ago, our expertise allows us to offer the best solutions to our clients and partners. We offer Industrial TFT LCDs, OLEDs embedded AIO, touch screens, and digital signage solutions.

With the CDS philosophy of business we combine the latest industrial and retail displays and technology, engineering and manufacturing capabilities to optimise our integrated solutions.

If you have a requirement for any digital display products then please contact our Technical sales and support team to work closely with you on your specific project and requirements.

DOWNLOAD CENTRE <https://crystal-display.com/cds-presentation-download/>



***The clear choice
for display solutions***

Need any additional information?

Our team is always available to help you with pricing details, technical support, or any additional information you may need. Please don't hesitate to reach out.



CONTACT US



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SPECIALIST GLOBAL SUPPLIERS IN INNOVATIVE LCD
DISPLAY, TOUCH AND DIGITAL SIGNAGE SOLUTIONS

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