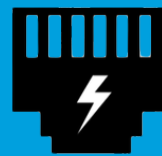


NEBULA Full Series Kiosk Tablet



Capacitive Touch



POE



Durable Built to Last

Overview

The Nebula Kiosk Tablet is a comprehensive self-service kiosk designed for use in various commercial environments. This tablet is built with commercial-grade reliability and features a powerful processor, as well as an optional Power over Ethernet (POE) capability. The kiosk tablet offers a range of optional peripherals, including magnetic card swipe, RFID/NFC, and barcode readers. This allows for flexibility in its use, making it suitable for fitness consoles, system terminals, retail e-catalogs, employee access control, corporate check-in, restaurant self-ordering, hotel check-in, and more. It is important to note that the Kiosk Tablet is not designed for consumer use. Instead, it is engineered for commercial environments. Glory Star, the manufacturer of the Nebula Kiosk Tablet, also offers a license-free kiosk lockdown app. This app ensures that the tablet is secure and can only be used for its intended purpose.

Available in 10", 15.6" and 21.5" widescreen with selectable high-performance CPUs and IPS capacitive touchscreens

Choice of Wi-Fi / Ethernet or POE available with 10" and 15.6inch

Optimize deployments with cloud-based configuration, monitoring and scheduling

Modern design with flexible mounting in portrait, landscape and table-top orientation

10-inch

		Nebula Generation 1	Nebula Generation 2	Nebula Lite
	Model	ALU100 Part#288	ALU100 Part#568	ALU100 Part#133
Screen Size	Size	10"	10"	10"
Panel Info	Resolution	1280 x 800		
	Brightness	450cdm2	450cdm2	250cdm2
	Contrast	800:1		1000:1
	Aspect Ratio	16:10		
	Active Display Area	216.96 x 135.6 mm	216.96 x 135.6 mm	216.576 x 135.36 mm
Touch Data	Response time	30 msec	30ms	35ms
	Touch Tech	G+G 10 point cap touch		
	Hardness Of Surface	≥ 6H		
	Touch method	Finger touch , Capacitive stylus		
	Transparency	≥50%	≥85%	≥85%
	Response Time	TBD	10us	10us
Hardware & OS	Touch Glass Thickness	1.75mm	2.55mm	2.55mm
	Bonded Panel	NO	YES	YES
	CPU	Cortex A17, Quad Core 1.8Ghz	Quad Core ARM Cortex A55@2.0GHz	Quad Core ARM Cortex A53 @1.5GHz
	RAM	2GB DDR3	4GB DDR4	2GB LPDDR4
Software	ROM	16GB eMMC Flash	32GB eMMC Flash	16GB eMMC Flash
	OS	Android 9	Android 12	Android 11
	STAROS	License Free Kiosk Mode Auto Lockdown Browser and Media Mode		
	STAR CONTROL (OPTIONAL)	Remote Device Management		
Video/ Image	STARTOOL	Open Source API		
	Video Format	H.265, VP8, RV, WMV, AVS, H.263, Mpeg4, Up to 4K decoding, HTML5, Flash 10		
	Audio Format	MP3, WMA, AAC, etc.		
Audio	Image Format	JPEG, BMP, PNG		
	Speaker	2 x 1W	2x2W	2X2W
Communication	Bluetooth	BT5.0	BT 5.0	BT5.0
	Noise Cancellation	N/A	Noise Canceling	N/A
	Camera	2MP	2MP	2MP
WIFI	Sensor	N/A	Ambient and Proximity sensor	Ambient and Proximity sensor
	WIFI	802.11 b/g/n 2.4Ghz and 5Ghz	802.11 a/b/g/n/ac 2.4GHz & 5GHz (Three antenna)	802.11 a/b/g/n/ac 2.4GHz & 5GHz (Dual antenna)
	Ethernet	100/1000 LAN POE		10/100 LAN POE
General	Color	Black	Grey+Black	
	Chassis	Plastic ABS		
	Plastic materials	Non-flame retardant material	Flame Retardant, TBBA	
	I/O	RJ45 X1; SD slot X1; Micro-USB X1; USB X1; 3.5MM audio x1; Recover x1; DC x1 (on the side)	RJ45 x1, TF slot x1, TYPE C x1, USB2.0 x1, USB3.0 x1, 3.5mm audio x1, DC x1, 1 x UART; 2 x GPIO; 1 x Wiegand; 1 x VCC-5V	RJ45 x1, TF slot x1, TYPE C x1 (only OTG upgrade, USB2.0 x1, 3.5mm audio x1, DC x1
	Peripheral Connectors	Can connect through the existing USB	TYPE C x3 (only for GS module)	TYPE C x1 (only for GS module)
	POE	Optional POE IEEE802.3af standard	POE IEEE802.3af standard	POE IEEE802.3af standard
	Included in Box	Touchscreen, Power Adapter, Power Cable		
	Consumption	11W	14.4W	14.4W(MAX)
	Power Input	DC12V 2A		
	Operating Environment	Working Temperature at 0-45 degree celsius		
Mounting	Language	Multi Language		
	VESA	75 x 75		
Dimensions	Certification	CE, FCC, UKCA		
	Dimensions (LxWXH)	258x178x34.2mm	256.96 x 175.6 x 28.85mm	256.96 x 175.6 x 28.85mm
	Weight	1.1kg		
	Box size / each pc (LxWXH)	385 x 222 x 65mm		
	Master Box size (LxWXH)	470 x 400 x 355mm		
	Master Box Weight Pieces/ Carton	15.2kg 10pcs		

15.6-inch

	Name	Nebula Generation 1	Nebula Generation 2	Nebula Lite
	Model	ALU150 Part#288	ALU150 Part#568	ALU150 Part#133
Screen Size	Size	15.6"		
Panel Info	Resolution	1920 x 1080		
	Brightness	250cdm2		
	Contrast	800:1		
	Aspect Ratio	16:09		
	Active Display Area	344.16 × 193.59 mm	344.16 × 193.59 mm	344.16 × 193.59 mm
	Response time	25ms	25ms	25ms
Touch Data	Touch Tech	G+G 10 point cap touch		
	Hardness Of Surface	≥ 6H		
	Touch method	Finger touch , Capacitive stylus		
	Transparency	≥85%		
	Response Time	<5ms		
	Touch Glass Thickness	2.05mm		
	Bonded Panel	YES		
Hardware & OS	CPU	RK3288 Cortex A17, Quad core 1.8 GHz	Quad Core ARM Cortex A55@2.0GHz	Quad Core ARM Cortex A53@1.5GHz
	RAM	2GB DDR3	4GB DDR4	2GB LPDDR4
	ROM	16Gb eMMC Flash	32GB eMMC Flash	16GB eMMC Flash
	OS	Android 9	Android 12	Android 11
Software	STAROS	License Free Kiosk Mode App and Multi App Mode, Auto Lockdown, Browser and Media Mode		
	STAR CONTROL (OPTIONAL)	Remote MDM		
	STARTOOL	Open Source API		
Video/ Image	Video Format	H.265, VP8, RV, WMV, AVS, H.263, Mpeg4, Up to 4K decoding, HTML5, Flash 10		
	Audio Format	MP3, WMA, AAC, etc.		
	Image Format	JPEG, BMP, PNG		
Audio	Speaker	5W x 2	5W x 2	
Communication	Bluetooth	BT 5.0		BT 5.0
	Microphone	x1	X2 with Noise Canceling	x1
	Camera	2 MP		
WIFI	WIFI	802.11 ac/a/b/g/n 2.4GHz and 5GHz	802.11 a/b/g/n/ac 2.4GHz & 5GHz (three antenna)	802.11 a/b/g/n/ac 2.4GHz & 5GHz (dual antenna)
	Ethernet	100/1000 LAN POE		10/100 LAN POE
	4G	Yes	Yes	No
General	Color	Black		
	Chassis	Plastic ABS		
	Plastic materials	Flame Retardant, TBBA		
	I/O	RJ45 x 1; SD slot x 1; Micro-USB x 1; USBx X1; 3.5MM audio x 1; DC x 1	RJ45 x 1, TF slot x 1, TYPE C x 1, USB2.0 x 1, USB3.0 x 1, 3.5mm audio x1, DC x 1; 1 × UART; 2 × GPIO; 1 × Wiegand; 1 × VCC-5V	RJ45 x 1, TF slot x 1, TYPE C x 1 (only OTG upgrade, USB2.0 x 1, 3.5mm audio x 1, DC x 1
	Peripheral Connectors	Micro-USB x 2 ; USB x 2	Micro USB x 2, USB x 1 (only for GS module)	Micro USB x 1 (only for GS module)
	POE	Optional POE	Yes IEEE802.3at	Yes IEEE802.3at
	Included in Box	Nebula Plus Tablet, Power Adapter, Power Cable		
	Consumption	17W		
	Power Input	DC12V 5A		
	Operating Environment	Working Temperature at 0-45 degree celsius		
	Mounting	Language	Multi Language	
VESA		100 x 100		
Dimensions	Certification	CE, FCC, UKCA		
	Dimensions (LxWXH)	394 x 44 x 251mm		
	Weight	2.1 kg		
	Box size / each pc (LxWXH)	443 x 115 x 303mm		
	Master Box size (LxWXH)	464 x 365 x 327mm		
	Master Box Weight Pieces/ Carton	8.5kg 3pcs		

21.5-inch

	Name	Nebula Generation 1	Nebula Generation 2	Nebula Lite
	Model	ALU210 Part#288	ALU210 Part#568	ALU210 Part#133
Screen Size	Size	21.5"		
Panel Info	Resolution	1920 x 1080		
	Brightness	250cd/m2		
	Contrast	1000:1		
	Aspect Ratio	16:9		
	Active Display Area	476.064 x 267.786 mm	476.064 x 267.786 mm	476.64 x 268.11 mm
	Response time	20ms	20ms	12ms
Touch Data	Touch Tech	G+G 10 Point Cap Touch		
	Hardness Of Surface	≥ 6H		
	Touch method	Finger touch 、 Capacitive stylus		
	Transparency	≥85%		
	Response Time	<5ms		
	Touch Glass Thickness	2.95mm		
Hardware & OS	CPU	RK3288 Cortex A17, Quad core 1.8 GHz	Quad Core ARM Cortex A55@2.0GHz	Quad Core ARM Cortex A53@1.5GHz
	RAM	2GB DDR3	4GB DDR4	2GB LPDDR4
	ROM	16GB eMMC Flash	32GB eMMC Flash	16GB eMMC Flash
	OS	Android 9	Android 12	Android 11
Software	STAROS	License Free Kiosk Mode App and Multi App Mode, Auto Lockdown, Browser and Media Mode		
	STAR CONTROL (OPTIONAL)	Remote Mobile Device Management		
	STARTOOL	Open Source API		
Video/ Image	Video Format	H.265, VP8, RV, WMV, AVS, H.263, Mpeg4, Up to 4K decoding, HTML5, Flash 10		
	Audio Format	MP3, WMA, AAC, etc.		
	Image Format	JPEG, BMP, PNG		
Audio	Speaker	2 x 5W	2 x 5W	
Communication	Bluetooth	BT 5.0	BT 5.0	BT 5.0
	Microphone	x1	X2 with Noise Canceling	x1
	Camera	2 MP		
WIFI	WIFI	802.11 ac/a/b/g/n 2.4GHz and 5GHz	802.11 a/b/g/n/ac 2.4GHz & 5GHz (three antenna)	802.11 a/b/g/n/ac 2.4GHz & 5GHz (dual antenna)
	Ethernet	100/1000 LAN		10/100 LAN
	4G Optional	Yes	YES	NO
General	Color	Black		
	Chassis	Plastic ABS		
	Plastic materials	Flame Retardant, TBBA		
	I/O	RJ45 x 1; SD slot x 1; Micro-USB x 1; USB x 1; 3.5MM audio x 1; DC x 1	RJ45 x 1, TF slot x 1, TYPE C x 1, USB2.0 x 1, USB3.0 x 1, 3.5mm audio x 1, DC x 1; 1 x UART; 2 x GPIO; 1 x Wiegand; 1 x VCC-5V	RJ45 x 1, TF slot x 1, TYPE C x 1 (only OTG upgrade, USB2.0 x 1, 3.5mm audio x1, DC x 1
	Peripheral Connectors	Micro-USB X 2 ; USBX4	Micro USB x 2, USB x2 (only for GS module)	Micro USB x 1 (only for GS module)
	POE	Optional	Optional	
	Included in Box	Nebula Tablet, Power Adapter, Power Cable		
	Consumption	32W		
	Power Input	DC12V 5A		
	Operating Environment	Working Temperature at 0-45 degree celsius		
	Language	Multi Language		
	Mounting	VESA	100 x 100	
Dimensions	Certification	CE, FCC, UKCA		
	Dimensions (LxWXH)	535 x 46 x 326mm		
	Weight	4.9kg		
	Box size / each pc (LxWXH)	583 x 115 x 382mm		
	Master Box size (LxWXH)	604 x 365 x 406mm		
	Master Box Weight Pieces/ Carton	17.5kg 3pcs.		

Peripheral Options

1D Barcode Newland	NEBA1701 PART#N002 (For 10"Nebula Gen 2, Nebula Lite, Nebula 15.6" and 21.5" Full Series)
2D Barcode Zebra	NEBA1702 PART#Z002 (For 10"Nebula Gen 2, Nebula Lite, Nebula 15.6" and 21.5" Full Series)
2D Barcode Honeywell	NEBA1702 (For ALU100 model)
Elatec RFID Reader	NEBA 1703 PART#E001 (For 10"Nebula Gen 2 and Nebula Lite)
Elatec RFID Reader	NEBA 1703 PART#E002 (For Nebula 15.6" and 21.5" Full Series)
HID RFID Reader	NEBA 1703 PART#H002 (For Nebula 15.6" and 21.5" Full Series)
LTE 4G Module	NEBA1705 PART#4G (Only for Nebula Gen 1 Series)
LTE 4G GPS Module	NEBA1705 PART#4G/GPS (Only for Nebula Gen 1 Series)
Extra RS232 Cable	GCSF1808

Mounting Options

Shelf Mount	FIX-014 (Foldable Mount with Magnet at one side) (For 10"models)
Desk Mount	FIX-027 (Foldable base bracket) (For 15.6" and 21.5" models)
	FIX-028 (Adjustable Desk Mount) (For 10" and 15.6" models)
	FIX-030 (For 15.6" and 21.5" models)
Wall Mount	WM015012S
Extend Bracket	FIX036 (Side Bracket)

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