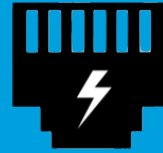# Nebula Gen 2 Kiosk Tablet

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 ad table-top orientation

Specification

		Nebula Generation 2		
	Model	ALU100 Part#568	ALU150 Part#568	ALU210 Part#568
Screen Size	Size	10"	15.6"	21.5"
Panel Info	Resolution	1280 x 800	1920 x 1080	1920 x 1080
	Panel Brightness	500cd/m²	250cdm2	500cd/m²
	Brightness	425cd/m² with touch Screen	TBD	425cd/m² 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	476.064 × 267.786 mm
	Viewing Angle	85°/85°/85°/85°	85°/85°/85°/85°	89°/89°/89°/89°
	Response time	30ms	25ms	20ms
Touch Data	Touch Tech	G+G 10 point cap touch		
	Hardness Of Surface	≥ 6H		
	Touch method	Finger touch 、 Capacitive stylus		
	Transparency	≥85%		
	Response Time	10us	< 5ms	< 5ms
	Touch Glass Thickness	2.55mm	2.05mm	2.95mm
	Bonded Panel	YES	YES	NO
Hardware & OS	CPU	Quad Core ARM Cortex A55@2.0GHz		
	RAM	4GB DDR4		
	ROM	32GB eMMC Flash		
	OS	Android 12		
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		
	GMS	Support Android 11 GMS		
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	2x2W		2x5W
Communication	Bluetooth	BT 5.0	BT 5.0	BT 5.0
	Noise Cancellation	X2 with Noise Canceling	X2 with Noise Canceling	X2 with Noise Canceling
	Camera	2 MP	2 MP	2 MP
	Sensor	Ambient & Proximity sensor	N/A	N/A
WIFI	WIFI	802.11 a/b/g/n/ac 2.4GHz & 5GHz (Three antenna)		
	Ethernet	100/1000 LAN POE	100/1000 LAN POE	100/1000 LAN POE
General	Color	Grey+Black	Black	
	Chassis	Plastic ABS		
	Plastic materials	Flame Retardant, TBBA		
	I/O	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 × UART; 2×GPIO;1×Wiegand;1×VCC-5V	RJ45x1, TFslotx1, TYPECx1,USB2.0x1, USB3.0x1, 3.5mm audio x1, DCx1; 1×UART; 2×GPIO; ,1×Wiegand; 1×VCC-5V	RJ45x1, TFslotx1,TYPECx1, USB2.0x1, USB3.0x1, 3.5mm audio x1, DCx1 ;1×UART; 2×GPIO; 1×Wiegand; 1×VCC-5V
	Peripheral Connectors	TYPE C x 3 (only for GS module)	Micro USB x 2, USB x 1 (only for GS module)	Micro USB x 2, USB x2 (only for GS module)
	4G	NO	optional	optional
	Included in Box	Nebula Tablet, Power Adapter, Power Cable		
	Consumption	14.4W	17W	32W
	Power Input	DC12V 2A	DC12V 5A	DC12V 5A
	POE	Yes (IEEE802.3af)	Yes (IEEE802.3at)	Optional IEEE802.3bt(PSE 90W)
	Operating Environment	Working Temperature: 0-45 degree celsius		
	Language	Multi Language		
Mounting	VESA	75 x 75	100 x 100	100 x 100
	Certification	CE, FCC, UKCA		
Dimensions	Dimensions (LxWXH)	256.96 x 175.6 x 28.85mm	394 x 44 x 251mm	535 x 46 x 326mm
	Weight	1.1kg	2.1 kg	4.9kg
	Box size / each pc(LxWXH)	385 x 222 x 65mm	443 x 115 x 303mm	583 x 115 x 382mm
	Master Box size (LXWXH)	470 x 400 x 355mm	464 x 365 x 327mm	604 x 365 x 406mm
	Master Box Weight	15.2kg	8.5kg	17.5kg
	Pieces/ Carton	10pcs	3pcs	3pcs

Peripheral Options

1D Barcode Newland	NEB1701 PART#N002
2D Barcode Zebra	NEB1702 PART#Z002
2D Barcode Honeywell	NEBA1702 PART#H001 (For 10")
2D Barcode Honeywell	NEBA1702 PART#H002 (For Nebula 15.6" and 21.5" Series)
Elatec RFID Reader	NEBA 1703 PART#E001 (For 10"Nebula Gen 2)
Elatec RFID Reader	NEBA 1703 PART#E002 (For Nebula 15.6" and 21.5" Series)
HID RFID Reader	NEBA1703 PART#H001 (For 10"Nebula Gen 2)
HID RFID Reader	NEBA1703 PART#H002 (For Nebula 15.6" and 21.5" 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)

CONTACT US

United States	Hong Kong	ShenZhen
101 Hudson St., 21st Floor Jersey City, NJ 07302 USA 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

To find out more about our extensive range of Glory Star solutions, go to **www.glorystargroup.com** , or call the office nearest you. For more information, please contact us at **sales@glorystargroup.com**. Glory Star reserves the right to change or update, without notice, any information contained herein; to change, without notice, the design, construction, materials, processing or specifications of any products; and to discontinue or limit production or distribution of any products. Glory Star, the Glory Star logo, STAR CONTROL and STAROS are either trademarks or registered trademarks of Glory Star Group Limited. All other trademarks are the property of their respective owners.