

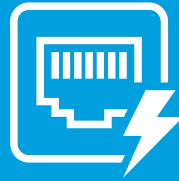


GLORYSTAR

# Nebula *Plus* Series Touchscreen Computer



Capacitive Touch



Optional POE



Durable Built to Last

## Overview

The Nebula Plus Series is an all in one computer touch screen developed by Glory Star Group for use in a variety of industries and applications, including point of sale, fitness console, patient room display, self-service, endless aisle, industrial controls, and access control. It offers unmatched flexibility and can be customized with peripherals such as barcode readers, RFID, and LED light strips, to meet the needs of different industries. The tablet also comes equipped with a license-free kiosk lockdown app that enhances security and privacy.

One of the standout features of the Nebula Plus is its advanced video conferencing and AIOT capabilities. It has a dual mic with echo cancellation algorithm and a custom design speaker for crystal-clear calls and wide stereo sound. The 10" and 15.6inch also features a seamless bonded panel for high clarity and a curved glass design for a sleek appearance. The modular design of the Nebula Plus allows it to be easily configured for various applications, and it is supported by the Star Control MDM Solution, which makes it easy to deploy and manage a network of Android-powered Glory Star devices from anywhere in the world.

Available in 10", 15.6" and 21.5" widescreen with highest performance CPU and Full HD (NEB156 & NEB 215) IPS capacitive touchscreens

Choice of Wifi / Ethernet / Cellular Connectivity/ POE

Optimize deployments with cloud-based configuration, monitoring and scheduling

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

	Model	ALU100 Part#399	ALU150 Part#399	ALU210 Part#399	
Screen Size	Size	10"	15.6"	21.5"	
Panel Info	Resolution	1280x 800	1920 x 1080		
	Panel Brightness	500cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	500cd/m <sup>2</sup>	
	Brightness	425cd/m <sup>2</sup> with touch Screen	TBD	425cd/m <sup>2</sup> with touch Screen	
	Contrast	800:1	1000:1		
	Aspect Ratio	16:10	16:9		
	Active Display Area	134.8 x 216.2mm	344.16 x 193.59mm	476.06 x 267.786 mm	
	Viewing Angle	H170°/ V170°	H178°/ V178°		
	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	Dual core Cortex-A72 up to 1.8GHz, Quad core Cortex-A53 up to 1.4GHz			
	RAM	4GB LPDDR4			
	ROM	32GB eMMC Flash			
	OS	Android 12 or LINUX			
Software	STAROS	License Free STAROS Kiosk Lockdown App included			
	STAR CONTROL	Star Control Remote Device Monitoring Free 3 months Trial			
	STARTOOL	Tool for developers to control device and Open API			
	GMS	Supports Android 11 GMS			
Video/ Image	Video Format	H.265, VP8, RV, WMV, AVS, H.263, MPEG4, HTML5, Flash 10	H.265, VP8, RV, WMV, AVS, H.263, MPEG4, Up to 4K x 2K decoding, HTML5, Flash 10		
	Audio Format	MP3, WMA, AAC etc.			
	Image Format	JPEG, BMP, PNG			
Audio	Speaker	2W x 2	5W x 2		
	Noise Cancellation	Yes	Yes		
Communication	Bluetooth	BT 5.0			
	Camera	2 Megapixel			
WIFI	WIFI	802.11 ac/a/b/g/n 2.4GHz and 5GHz			
	Ethernet	100/1000 LAN			
General	Color	Black			
	Chassis	Plastic			
	Plastic materials	Flame Retardant, TBBA			
	I/O	GPIO Support, Audio Out, USB 2.0x1, USB3.0 x 1, Type Cx1 TF Card, RJ45 X 1, 3 x USB Type C ( Only with GS modules)	GPIO Support, Audio Out, USB 2.0x2, USB3.0 x 1, Type Cx1 TF Card, RJ45 X 1, 3 x USB Type C ( Only with GS modules) , Micro USB x 2	GPIO Support, Audio Out, USB 2.0x 2, USB3.0 x 1, Type Cx1 TF Card, RJ45 X 1, 3 x USB Type C ( Only with GS modules), Micro USB X 2	
	GPIO	UART-TX, UART-RX, GPIO1, GPIO 2, WIEGAND-D0, WEIGAND-D1, VCC-5V			
	POE	Yes (IEEE802.3af)	Yes (IEEE802.3at)	optional IEEE802.3bt(PSE 90W)	
	4G	NO	optional	optional	
	Included in Box	Nebula Plus Computer Touchscreen, Power Adaptor, Power cable			
	Sensors	G-sensor			
	Consumption	11W	17W	32W	
	Power Input	12V 2A	12V 5A		
	Operating Environment	Working Temperature: 0-45 degree celsius			
	Language	Multi language			
	Mounting	VESA	75	100	
Dimensions	Dimensions ( LxWXH)	258x34x178mm	394x44x251mm	535x46x326mm	
	Weight	980g	2.1kg	4.7kg	
	Box size / each pc ( LxWXH)	385x222x65mm	443x115x303mm	583x115x382mm	
	Master Box size ( LXWXH)	470x400x355mm	464x365x327mm	604x365x406mm	
	Master Box Weight Pieces/ Carton	15.2Kg 10pcs	8.5Kg 3pcs	17Kg 3pcs	

## Peripheral Options

1D Barcode Newland	NEBAI701 PART#N002
2D Barcode Zebra	NEBAI702 PART#Z002
Elatec RFID Reader	NEBAI703 PART#E001 ( For 10-inch)
Elatec RFID Reader	NEBAI703 PART#E002 ( For Nebula 15.6" and 21.5" Full Series)
HID RFID Reader	NEBAI703 PART#H002 ( For Nebula 15.6" and 21.5" Full Series)
Extra RS232 Cable	GCSF1808

## Mounting Options

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

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