

Nebula Kiosk tablet



GAD101-A

NEB156

NEB215



Commercial grade

all-in-one



Product overview

The Nebula series is a tablet design for commercial industries. The all in one capabilities allows for integrated capacitive touch along with a powerful RK3288 CPU processor at 1.6GHz. Nebula runs on the android OS in which can provide high flexibility and speed to market design for application. With full viewing angle (IPS) high definition LCD panel, the device and landscape mode. Barcode, RFID and card swipe readers are also available as an add-on module attached directly to the device for multiple purposes. Design for 24/7 operation the Nebula is the most versatile device for commercial applications.

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

Choice of Wi-Fi / Ethernet / Cellular Connectivity

Optimize deployments with cloud-based configuration, monitoring and scheduling

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

Nebula All-in-one Touch System

		GAD101-A	NEB156	NEB215	
Screen size		10"	15.6"	21.5"	
Panel info.	Resolution	1280 x 800	1920 x 1080		
	Brightness	350 cd/m2	250 cd/m ²		
	Contrast ratio	800:1	1000:1		
	Aspect Ratio	16:10	16:9		
	Active Display Area	134.8 x 216.2mm	344.16 x 193.59 mm	476.06 x 267.786 mm	
	Viewing angle	H:170°/ V:170°	H:178°/ V:178°		
	Touch Tech.	5 point cap touch (6H semi-tempered glass)	10 point cap touch (reflective glass)		
	Hardware & OS	CPU	RK3288 Cortex A17, Quad core 1.8GHz / RK3399 Cortex A72 up to 1.8GHz, Quad-core Cortex-A53 up to 1.4GHz	RK3288 ARM A17, Quad core 1.8 GHz / RK3399 Cortex A72 up to 1.8GHz, Quad-core Cortex-A53 up to 1.4GHz	
		RAM	2GB DDR3 (up to 4GB DDR3)		
ROM		8GB (up to 16GB) eMMC Flash			
OS		Android 5.1 (Upgradable to Android 7.1)			
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	1W x 2	2W x 2		
Communication	Bluetooth	EDR 4.0			
	Wi-Fi	802.11 b/g/n	802.11 b/g/n 2.4GHz		
	Ethernet	10/100 LAN			
General information	Color	Black			
	I/O	RJ45 x 1; USB x 1; SD slot x 1; Micro-USB x 1; 3.5mm audio x 1; Recover x 1. expandable 2 USB	RJ45 x 1; USB x 2; SD slot x 1; Micro-USB x 1; 3.5mm audio x 1; Recover x 1; GPIO Support	RJ45 x 1; USB x 4; SD slot x 1; Micro-USB x 1; 3.5mm audio x 1; Recover x 1; RS232 x 2; GPIO Support	
	AV capability	/	Front Facing Camera 2 MP fixed focus (Optional)		
	Included in Box	Tablet, Power Adaptor, Power cable			
	Sensors	G-sensor			
	Consumption	11W	15W	32W	
	Power input	12V 2A	12V 5A		
	Operating Environment	Operating: 32°F to 104°F (0°C to 40°C); Storage: -4°F to 122°F (-20°C to 50°C) Operating: 20%-80%; Storage: 10%-95%			
	Certification	CE, FCC, ROHS			
	Language	Multi language			
	VESA	VESA 75	VESA 100		
	Dimension	Size (W x D x H)	267 x 34 x 165 mm	383.8 x 223.2 x 30.1 mm	534.5 x 326 x 47.6326 mm
		Product Weight	700 g	1.4Kg	3.8Kg
Giff Box Size		385 x 65 x 222 mm	444 x 348 x 112 mm	582 x 422 x 114 mm	
Master Carton size		470 x 400 x 355 mm	462x 375 x 356 mm	601 x 446 x 360 mm	
Master Carton Weight		13.7Kg	7.5Kg	16.7Kg	
Units per Master Carton		10pcs	3pcs	3pcs	

*see dimensional drawings for details

Options information

Option	Type	Remarks		
3G/4G module	Mini-PCI add-on	WCDMA / HSDPA 2100 / 1900 / 850 (900) MHz GSM / GPRS / EDGE 850 / 900 / 1800 / 1900 MHz		
Front Camera	PCB add-on	2 Megapixel with Fixed Focus / 5Megapixel with Auto Focus		
Barcode module	Micro-USB add-on module	1D barcode/ 2D barcode		
RFID / NFC module	Micro-USB add-on module	ISO 14443 T=CL, T=CL, 1K/4K, ISO 18092		
Magnetic card swipe	Micro-USB add-on module	ISO 7811, ISO 7810, AAMVA, CA DMV, ANSI		
STAROS	• Kiosk lockdown	• Hide control buttons	• Set timer to turn device on and off	• App Lockdown

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