

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 Hexacore – Dual core Cortex-A72 up to 1.8GHz, Quad core Cortex-A53 up to 1.4GHz	RK3288 ARM A17, Quad core 1.8 GHz	RK3399 Hexacore – Dual core Cortex-A72 up to 1.8GHz, Quad core Cortex-A53 up to 1.4GHz	
RAM		2GB DDR3	2GB DDR3 (up to 4GB DDR3)	2GB DDR3	2GB DDR3 (up to 4GB DDR3)		
ROM		8GB eMMC Flash	8GB (up to 16GB) eMMC Flash	8GB eMMC Flash	8GB (up to 16GB) eMMC Flash		
OS		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 2.4GHz and 5GHz					
	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; HDMI		RJ45 x 1; USB x 2; SD slot x 1; Micro-USB x 1; 3.5mm audio x 1; HDMI 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; HDMI	
	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)	258 x 34 x 178 mm		394 x 44 x 251 mm		535 x 48 x 326 mm
Product Weight		980 g		2.1Kg		4.37Kg	
Gift Box Size		393 x 72 x 228 mm		444 x 112 x 348 mm		582 x 114 x 422 mm	
Master Carton size		480 x 410 x 390 mm		462x 375 x 356 mm		601 x 446 x 360 mm	
Master Carton Weight		13.7Kg		8.5Kg		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 Always check with your local service provider on compatibility of 3G/4G module.		
PoE	PCB add-on	IEEE802.3af standard		
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		
STAROS	• Kiosk lockdown	• Hide control buttons	• Set timer to turn device on and off	• App Lockdown

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