

## 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 Quadcore or Hexcore CPU. 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	
<b>Screen size</b>		10"		15.6"		21.5"	
<b>Panel info.</b>	<b>Resolution</b>	1280 x 800		1920 x 1080			
	<b>Brightness</b>	350 cd/m <sup>2</sup>		250 cd/m <sup>2</sup>			
	<b>Contrast ratio</b>	800:1		1000:1			
	<b>Aspect Ratio</b>	16:10		16:9			
	<b>Active Display Area</b>	134.8 x 216.2mm		344.16 x 193.59 mm		476.06 x 267.786 mm	
	<b>Viewing angle</b>	H:170°/ V:170°		H:178°/ V:178°			
	<b>Touch Tech.</b>	5 points cap touch (6H semi-tempered glass)		10 points cap touch (reflective glass)			
	<b>Hardware &amp; OS</b>	<b>Part number</b>	GAD101-Apart#CT3288	GAD101-Apart#CT3399	NEB156part#CT3288	NEB156part#CT3399	NEB215part#CT3288
	<b>CPU</b>	RK3288 Cortex A17, Quad core 1.8GHz	RK3399 Hexacore – Dual core Cortex-A72 up to 1.8GHz, Quad core Cortex- A53 up to1.4GHz	RK3288 ARM A17, Quad core 1.8 GHz	RK3399 Hexacore – Dual core Cortex-A72 up to 1.8GHz, Quad core Cortex- A53 up to1.4GHz	RK3288 ARM A17, Quad core 1.8 GHz	RK3399 Hexacore – Dual core Cortex-A72 up to 1.8GHz, Quad core Cortex-A53 up to1.4GHz
	<b>RAM</b>	2GB DDR3	4GB DDR3	2GB DDR3	4GB DDR3	2GB DDR3	4GB DDR3
	<b>ROM</b>	8GB eMMC Flash	16GB eMMC Flash	8GB eMMC Flash	16GB eMMC Flash	8GB eMMC Flash	16GB eMMC Flash
	<b>OS</b>	Android 9.0					
<b>Video/ Image</b>	<b>Video format</b>	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			
	<b>Audio format</b>	MP3/ WMA/ AAC etc.					
	<b>Image format</b>	JPEG, BMP, PNG					
<b>Audio</b>	<b>Speaker</b>	1W x 2		2W x 2			
<b>Communication</b>	<b>Bluetooth</b>	EDR 4.0	EDR 5.0	EDR 4.0	EDR 5.0	EDR 4.0	EDR 5.0
	<b>Wi-Fi</b>	802.11 b/g/n 2.4GHz and 5GHz					
	<b>Ethernet</b>	10/100 LAN					
<b>General information</b>	<b>Color</b>	Black					
	<b>I/O</b>	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 1; SD slot x 1; USB Type C 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 2; SD slot x 1; USB Type C x 1; 3.5mm audio x 1; HDMI Recover x 1; GPIO Support	RJ45 x 1; USB x 4; SD slot x 1; RS232 x 2 Micro-USB x 1; 3.5mm audio x 1; Recover x 1; GPIO Support; HDMI	RJ45 x 1; USB x 4; SD slot x 1; RS232 x 2 USB Type C x 1; 3.5mm audio x 1; Recover x 1; GPIO Support; HDMI
	<b>AV capability</b>	Front Facing Camera 2 MP fixed focus and Mic					
	<b>Included in Box</b>	Tablet, Power Adaptor, Power cable					
	<b>Sensors</b>	G-sensor					
	<b>Consumption</b>	11W		15W		32W	
	<b>Power input</b>	12V 2A		12V 5A			
	<b>Operating Environment</b>	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%					
	<b>Certification</b>	CE, FCC, ROHS					
	<b>Language</b>	Multi language					
	<b>VESA</b>	VESA 75		VESA 100			
<b>Dimension</b>	<b>Size (W x D x H)</b>	258 x 34 x 178 mm		394 x 44 x 251 mm		535 x 48 x 326 mm	
	<b>Product Weight</b>	980 g		2.1Kg		4.37Kg	
	<b>Giff Box Size</b>	393 x 72 x 228 mm		444 x 112 x 348 mm		582 x 114 x 422 mm	
	<b>Master Carton size</b>	470 x 400 x 355 mm		462x 375 x 356 mm		601 x 446 x 360 mm	
	<b>Master Carton Weight</b>	15.2Kg		8.5Kg		16.7Kg	
	<b>Units per Master Carton</b>	10pcs		3pcs		3pcs	

\*see dimensional drawings for details

## Options information

Option	Type	Remarks
<b>3G/4G module</b>	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.
<b>PoE(apply for GAD101-A and NEB156 only)</b>	PCB add-on	IEEE802.3af standard
<b>Barcode module</b>	Micro-USB add-on module	1D barcode/ 2D barcode
<b>RFID / NFC module</b>	Micro-USB add-on module	ISO 14443 T=CL, T=CL, 1K/4K, ISO 18092
<b>STAROS</b>	<ul style="list-style-type: none"> <li>• Kiosk lockdown</li> </ul>	<ul style="list-style-type: none"> <li>• Hide control buttons</li> <li>• Set timer to turn device on and off</li> <li>• App Lockdown</li> </ul>

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