

Nebula

Kiosk Tablet



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 is able to present contents clearly in both portrait 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 15.6" and 21.5" widescreen with selectable high-performance CPUs and Full-HD IPS capacitive touchscreens

Choice of WiFi / 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

Specification	15.6 inch	21.5 inch
Color	Black	
OS	Android 5.1 Lollipop	
Active Display Area	344.16 x 193.59 mm	476.06 x 267.786 mm
Dimension (W x D x H)	383.8 x 223.2 x 30.1 mm	534.5 x 326 x 47.6326 mm
LCD Technology	Active matrix TFT LCD with LED backlight (1920 x 1080)	
Aspect Ratio	16:9	
Brightness	250 cd/m ²	
Response Time	25 ms	14 ms
Viewing angle	Horizontal 178° / Vertical 178°	
Contrast ratio	1000:1	
Power consumption	ON: 16.5 W	ON: 33 W
Input power	100 - 240V ~50/60Hz	
Weight	Unpackaged: 1.4 Kg	Unpackaged: 3.8 Kg
Shipping dimension	472 x 354 x 93 mm	606 x 420 x 117 mm
Mounting option	VESA 100	
Processor	RK3288 ARM A17, quad core 1.8 GHz	
Memory	RAM: 2GB DDR3 ROM: 8GB eMMC Flash	
Connectivity	Wi-Fi 802.11 b/g/n; Bluetooth 4.0 1 x RJ45 Ethernet. 3G/4G Module (Optional)	
I/O port	SD card slot; USB x 2; HDMI; Audio output; Ethernet : GPIO Support	SD card slot; USB x 3; RS232 x2; HDMI; Audio output; Ethernet : GPIO Support
AV capability	Front Facing Camera 2MP fixed focus (Optional)	
Speakers	2 x 2W stereo speaker	
Temperature	Operating: 32°F to 104°F (0°C to 40°C); Storage: -4°F to 122°F (-20°C to 50°C)	
Humidity	Operating: 20%-80%; Storage: 10%-95%	
Regulatory approvals	CE, FCC	
What's in the Box	NEB series tablet, Power Adaptor 12V 5A, power cable	

*see dimensional drawings for details

STAROS Features

STAROS	<ul style="list-style-type: none"> • Kiosk lockdown • Set timer to turn device on and off 	<ul style="list-style-type: none"> • App Lockdown • Hide control buttons
STAR CONTROL	<ul style="list-style-type: none"> • Manage device remotely • Upload video to device 	<ul style="list-style-type: none"> • Control power on/off • Manage apps remotely

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 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

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