



DN83

FANLESS ARM PLAYER



Rockchip
RK3528A processor



1 x HDMI
Up to 3840 x 2160 @60 Hz



Onboard Wi-Fi/BT module
Support 3G/4G module



Fanless design

CPU

CPU	Rockchip RK3528A processor
Processing Units	4 Cores Cortex-A53
TDP	6 W

System

System Memory	2 GB, Onboard LPDDR4/LPDDR4x, 2 Channels
Storage	32 GB, Onboard eMMC (Optional: 64 GB) 1 x TF Card Reader
Watchdog Timer	NA
Auto Power On	Yes
RTC	Set up independently every day, a week as a cycle
Power Requirement	DC-IN, 12 V/2.08 A
Dimensions	116 mm x 106 mm x 30 mm (4.57" x 4.17" x 1.18")
Construction	Metal, Black
Operating System	Android 13/Debian 11
Operating Temperature	0°C ~45°C (32°F~114°F) @0.7m/s Air Flow
Humidity	95% @ 45°C (non-condensing)
Certifications	CE, FCC Class B, UKCA

Network

Network Controller	1 x Realtek RTL8211E PHY
Ethernet Interface	1 x RJ45
Wi-Fi/BT	Onboard Wi-Fi/BT module
Mobile Network	1 x B-key M.2 (3042) for 3G/4G 1 x SIM Slot

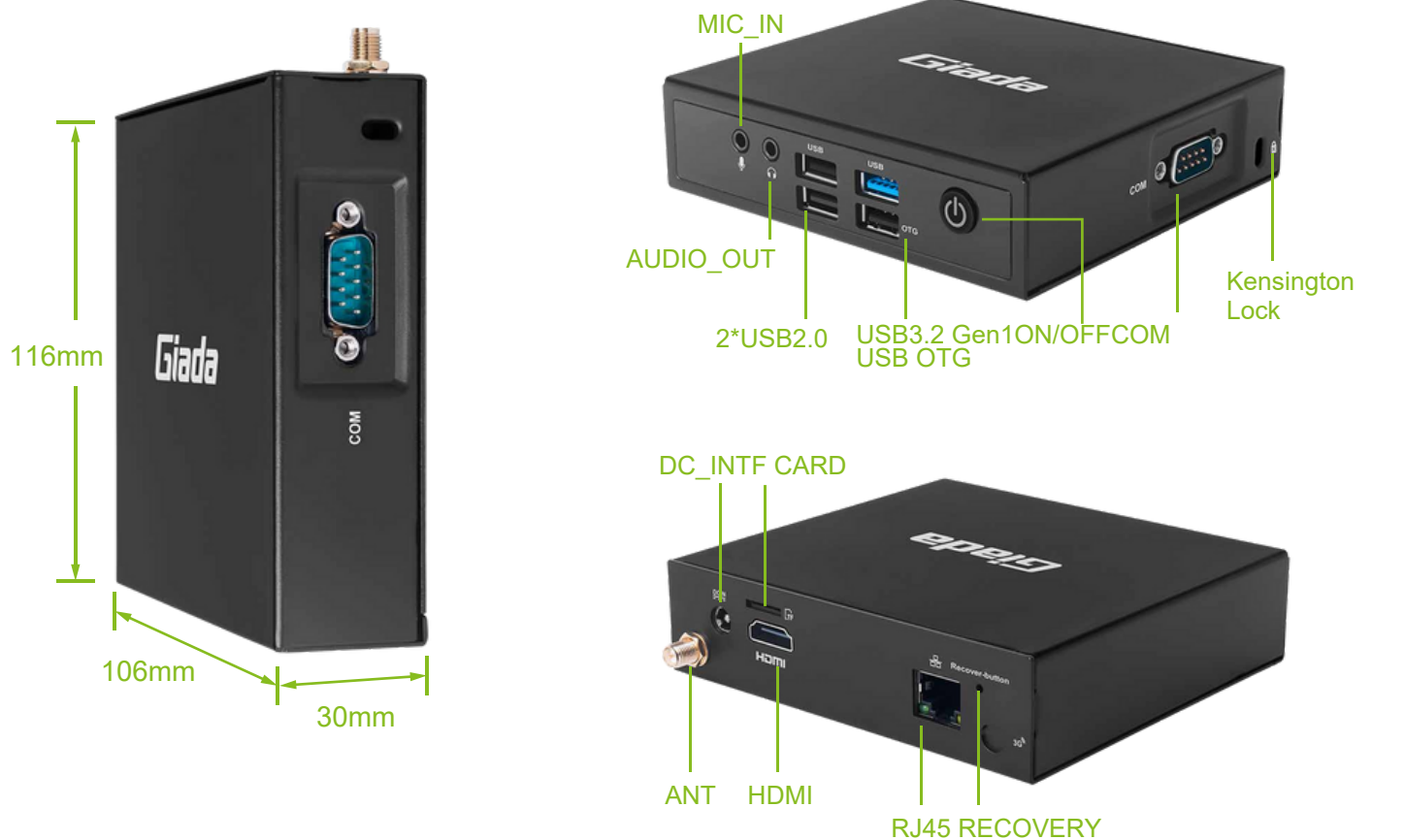
Display

GPU	Mali-450MP2
Graphic Engine	OpenGL ES1.1/2.0
Multi-Media	4K VP9 decoders 4K 10bits H.265 decoders 1080P VC-1, MPEG-1/2/4, VP8 video decoders Support HDR10 ,HLG HDR
Display Interface	1 x HDMI (Max.3840 x 2160 @60 Hz)

I/O interface

USB	1 x USB3.2 Gen1, 1 x USB2.0 OTG, 2 x USB2.0
Serial Port	1 x RS232
Audio	1 x MIC-IN, 1 x AUDIO-OUT
Button	1 x Power on, 1 x Recovery
Antenna	1 x Connector for Wi-Fi/BT, 1 x Connector for 3G/4G (Reserved)

Dimensions and Drawing



Order information

DN83-N3-3528R41E4-GIA	CPU: Rockchip RK3528 RAM: 2GB, Onboard DDR4-2133 MHz Storage: 32 GB, Onboard eMMC Wi-Fi/BT: Onboard Wi-Fi/BT module (2.4 GHz/5 GHz) Operating System: Android 13
Packing List	1 x Wi-Fi Antenna, 1 x AC Power Cable, 1 x AC Power Adapter
Package	Carton, EPE

Optional items

VESA Mounting	VESA Mounting Kit (JC530)
Mobile Network Module	Quectel® EC25 4G



Want More Information? Contact Us Now

Need any additional information?

If you need any assistance with pricing information, technical support or require any additional information our team would be more than happy to assist



CONTACT US:

Crystal Display Systems Ltd
Unit 6 M2M Park, Fort Bridgewood
Maidstone Road, Rochester,
Kent. ME1 3DQ

T : +44(0) 1634 791600
E : info@crystal-display.com
W : crystal-display.com

SPECIALIST GLOBAL SUPPLIERS IN INNOVATIVE LCD DISPLAY, TOUCH AND DIGITAL SIGNAGE SOLUTIONS

Note: Monitor images are for marketing purposes only and you should refer to the mechanical diagrams for accurate dimensions and designs