

# Nord Technology

*Reseller of Giada hardware in Denmark*

## **NORD TECHNOLOGY CONTACT INFORMATION**

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***D77***





# D77

## QUAD-HDMI HIGH PERFORMANCE ARM PLAYER



Rockchip  
RK3588 processor



3 x HDMI (4096 x 2160 @60 Hz)  
1 x HDMI (1920 x 1080 @60 Hz)  
Support hardware EDID



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

### CPU

<b>CPU</b>	Rockchip RK3588 processor
<b>Frequency</b>	2.40 GHz
<b>Processing units</b>	4 Cores Cortex-A76 & 4 Cores Cortex-A55
<b>NPU</b>	6 TOPs, support int4/int8/int16/FP16/BF16/TF32 acceleration
<b>TDP</b>	10 W

### System

<b>System Memory</b>	8 GB, Onboard 2-channel LPDDR4x
<b>Storage</b>	1 x M-key M.2 (2280) for PCIe3.0 X4 SSD (NVMe) 128 GB, Onboard eMMC
<b>Watchdog Timer</b>	Yes
<b>Auto Power On</b>	Yes
<b>RTC</b>	Set up independently every day, a week as a cycle
<b>Power Requirement</b>	DC-IN, 12 V/2.08 A
<b>Dimensions</b>	189.6mm x 148.3mm x 26mm (7.46" x 5.83" x 1.02")
<b>Construction</b>	Metal, Black
<b>Operating System</b>	Android 12
<b>Operating Temperature</b>	0°C ~45°C (32°F~113°F) @0.7m/s Air Flow
<b>Humidity</b>	95% @ 45°C (non-condensing)
<b>Certifications</b>	CE, FCC Class B, UKCA

### Network

<b>Network Controller</b>	1 x Realtek RTL 8211E Gigabit Ethernet
<b>Ethernet Interface</b>	1 x RJ45
<b>Wi-Fi/BT</b>	1 x E-key M.2(2230) for Wi-Fi/BT module, Supporting Wi-Fi 5 /6
<b>Mobile Network</b>	1 x B-key M.2(3042) for 3G /4G 1 x SIM Slot

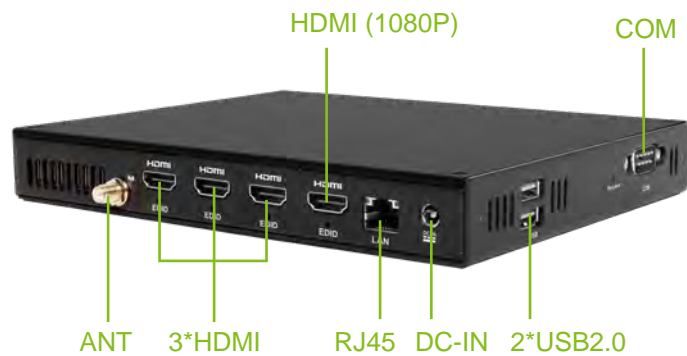
### Display

<b>GPU</b>	ARM Mali-G610 MP4 GPU
<b>Graphic Engine</b>	OpenGL ES 1.1/2.0/3.2, OpenCL 1.1/1.2/2.0, Vulkan 1.1/1.2
<b>Multi-Media</b>	H.265/H.264/AV1/AVS2 etc. video decoder, up to 8K@60fps 8K@30fps video encoders for H.264/H.265
<b>Display Interface</b>	3 x HDMI (Max. 4096 x 2160 @60 Hz) 1 x HDMI (Max. 1920 x 1080 @60Hz)

### I/O interface

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

## Dimensions and Drawing



## Order information

<b>D77-3588R41E5G-GIA</b>	CPU: Rockchip RK3588 RAM: 8 GB, Onboard LPDDR4x Storage: 128 GB, Onboard eMMC Operating System: Android 12
<b>Packing List</b>	1 x Wi-Fi Antenna, 1 x AC Power Cable, 1 x AC Power Adapter
<b>Package</b>	Carton, EPE

## Optional items

<b>VESA Mounting</b>	VESA Mounting Kit (JZ183)
<b>Mobile Network Module</b>	-