

Onenuts 2-in-1 Octa Core Streaming Media Player And Octa Core GameBox



المواصفات

نموذج رقم:	أونينوتس الجوز 1 مصنع اندرويد تي في بوكس
وحدة المعالجة المركزية	بسرعة تصل إلى 2.0 جيجا هرتز ARM Cortex A53 بت ثماني النواة 64 Amlogic S912 معالج
وحدة معالجة الرسومات	(DVFS) حتى 750 ميغا هرتز ARM Mali-T820MP3 وحدة معالجة الرسومات
ذاكرة الوصول العشوائي	2 DDR3 جيجابايت
وحدة التخزين الداخلية	بسعة تصل إلى 32 جيجابايت SD سعة 16 جيجابايت وفتحة eMMC فلاش
القرار	حتى 60 إطارًا في الثانية 4K x 2K
نظام التشغيل	ذكرى المظهر 6.0.1
التطبيق	BangTV و Mobdro (KO GameBox) جوجل بلاي، آبتويد، كودي 16.1، يوتيوب، نتفليكس، تطبيق الألعاب وما إلى ذلك Show Box وإدارة الحقوق الرقمية
إدارة الحقوق الرقمية	Widevine (Verimatrix/Playready اختياري)

ترميز الفيديو والصوت

أداة ترميز الفيديو	VP9-10/H.265 4 حتى Kx2K@60 في الثانية ، إطارًا في الثانية H.264 HEVC WMV/MPEG TS/MPEG-1/2/4 VC-1/AVS/RealVideo 1080 حتى p@60fps
تنسيق الفيديو	3GP/AVI/FLV/MKV/MOV/MP4/RMVB/ts/WEBM/WMV/MPG/MPEG/DAT/ISO/RM
وحدة فك ترميز الصوت	AC-3/DTS/FLAC/HE-AAC/MPEG/VORBIS/WMAV2/MP3/AAC/WMA/RM/FLAC/OGG قابلة للبرمجة مع الخلط السفلي 7.1/5.1

الإخراج والإدخال

مضيف USB	2 USB 2.0 1) عالي السرعة (HOST) و 1) OTG دعم محرك فلاش، محرك أقراص USB HDD ومحرك أقراص USB
قارئ البطاقة	SD/SDHC/MMC بطاقات
اتش دي ام اي	HDMI 2.0 4 ما يصل إلى 4K @ 60 مع دعم CEC و HDR و AV ومنفذ
الشبكة المحلية	القياسي RJ-45 إيثرنت
لاسلكي	و 5.0 جيجا هرتز 2.4 b/g/n/ac مزدوجة النطاق 802.11 WiFi شبكة
بلوتوث	4.0 بلوتوث
أف	CVBS 480i/576i SD دعم الصوت الاستريو والفيديو
S/PDIF	دعم الإخراج البصري

أخرى

مصدر الطاقة	تيار مستمر 5 فولت/ 2 أ
الملحق	HDMI جهاز التحكم عن بعد، دليل المستخدم، مصدر الطاقة، كابل

ONENUTS

Smart Streaming Media Player

Amlogic
S912

8Core
CPU

2G
DDR3

16G
eMMC



2-In-1 Multifunction Game box & Streaming Media Player



Pre-installed customized and optimized Kodi, with hardware decoding up to 4K2K Ultra HD support

Get an endless library of movies, TV shows, live sports, premium & international channels, news, music, games and more, all in HD. Colorful Entertainment is just an easy click away!



Not only just Streaming Media player but also super Game Box

8 core CPU and 3D acceleration support you from watching TV to play TV.

Any excited games, just play it.



Support DLNA, Airplay, Miracast
Multi-screen interaction, share wonderful content



AWESOME Android 6.0 Marshmallow

Onenuts Nut1 is the first TV Box of Android 6.0 Marshmallow. The Fashion design with young blue Aluminum, tired listless black tones.



Android 6.0

Build in Google Play and Aptoide to download
any of your favorite apps.



Google play



Support more than 1,000,000 Android Apps.

Build in Google Play and Aptoide to download any of your favorite apps.

And already preload KODI, YouTube, Netflix, Skype etc.

A great box with fantastic compatibilities to meet the most demanding entertainment expectations!



8Core
64Bit

Amlogic
S912

HEVC
H.265

Run smoothly design for Big Games and high-definition videos
Advanced processor of 64-Bit Octa-Core Cortex A53, strong ARM® Mali™ T-820,
equivalent to an Octa-core Mali 450, provide the optimal blend of features and efficiency to
deliver rich user interfaces and compelling content



2GB
RAM

+

16GB
eMMC



2GB DDR3 RAM makes bigger games run smoothly
and the utilization of eMMC memory offers an array of benefits in terms of performance security and reliability,
resulting in a richer end-user experience

Super HD 4K 2K

4K HD Video output, HRCT reach 3840x2160 pixel. 4 times of 1080P videos.
Bring you immersive audio and visual experience



720P
1280 × 720

1080P
1920 × 1080

4K
3840 × 2160

Fully support Premium 4K UHD contents and offer strikingly realistic image with a wider color spectrum and 10-bit color, up to 1.06 billion colors, instead of the 16 million offered by old 8-bit color technologies.

3840*2160
(Resolution)

10bit
(Color Depth)



Support HDR

HDMI2.0a
(4K@60fps)

H.265 hardware decoding, saving 50% bandwidth

H.265/HEVC is a successor to H.264/AVC. Compare to H.264, H.265 data compression ratio is double at the same level of video quality. It can alternatively be used to provide substantially improved video quality at the same bit rate.



H.265



H.264

Intelligent Decoding Capability, fully support different kinds of format decoded



Strong WIFI Signal- External Antenna of Dual-Band AC WIFI up to 1750 Mbps

150% super wide Coverage, Super strong WiFi signal reception and capability of penetrating walls,
long distances and high transmission speed, make it more
smooth and stable for any online TV or videos.

3x Faster Speed

802.11AC



802.11AC



Bluetooth 4.0, Supports a variety of external Bluetooth devices

With Bluetooth Gamepad, play excited games on the big screen TV.

With Bluetooth Speaker, build your fantastic home theater.

With Bluetooth headphone, enjoy your happy private world.





Young Look



Model No.	ONENUTS Nut 1
CPU	Amlogic S912 octa-core ARM Cortex A53 processor @ up to 2.0GHz
GPU	ARM Mail-T820MP3 GPU up to 750MHz(DVFS)
ROM	2GB DDR3
Internal Storage	16GB eMMC flash and SD slot up to 32GB
Video Docoder	VP9-10/H.265 up to 4Kx2K@60fps
HDMI	HDMI 2.0a up to 4K @ 60Hz with CEC and HDR support, and AV port



OTA Update

Support background auto upgrade and offer you the newest experience.



Product structure



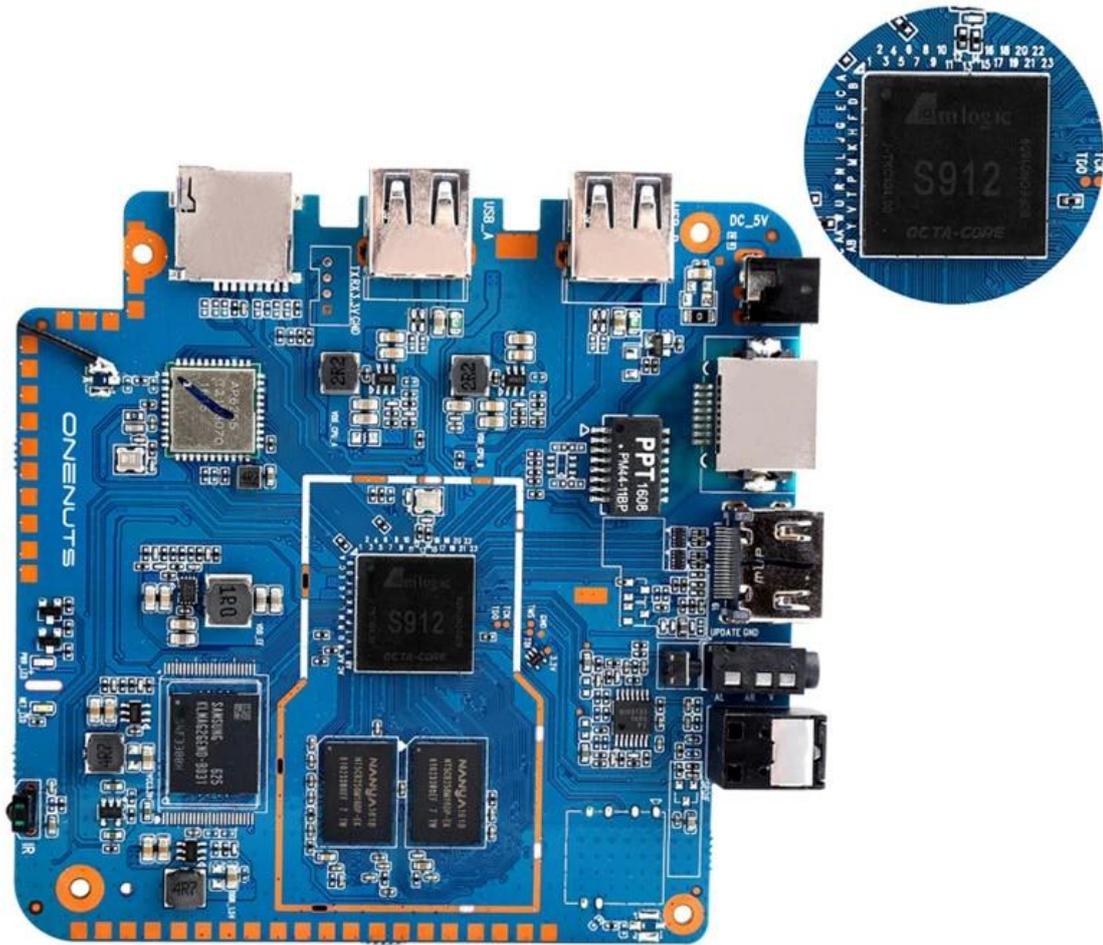
What is in the box?



Portable & Environmental EVA Bag



Motherboard Show



How to make Android TV Box motherboard PCB board design and layout design, PCB manufacturing, PCB assembly, PCB testing, PCB repair, PCB recycling.

1. PCB Design:

PCB design is the first step in the PCB manufacturing process. It involves creating a detailed layout of the board, including component placement, routing, and layer stack-up. The design is then converted into a Gerber file, which is used for PCB manufacturing.

2. PCB Manufacturing:

PCB manufacturing is the process of creating the physical PCB board. It involves several steps, including material selection, drilling, plating, and lamination. The finished board is then tested for quality and functionality.

3. PCB Assembly:

