ARCHOS Diamond Alpha

Dual 13MP Sony
Back Camera

5.2" IPS FHD
1920X1080

Octo-Core
Snapdragon 652

16 MP
Front Camera

4GB / 64GB
RAM / ROM

ARCHOS is pleased to introduce its brand new flagship : the ARCHOS Diamond Alpha. It is bringing a very elegant unibody design with a 2.5D IPS Full HD screen and a powerfull Qualcomm Snapdragon 652. But its most important feature is its Dual 13MP Sony sensors which enable you to take amazing pictures in every situation. The Diamond Alpha works on Nubia UI 4.0 based on Android 6.0 Marshmallow and it support dual SIM or Micro SD + one SIM.

KEY FEATURES

▶ Dual 13MP Sony Sensor + 16MP Samsung Front Camera
▶ 5.2" IPS FHD 2.5D Screen
▶ 4Go RAM / 64Go ROM
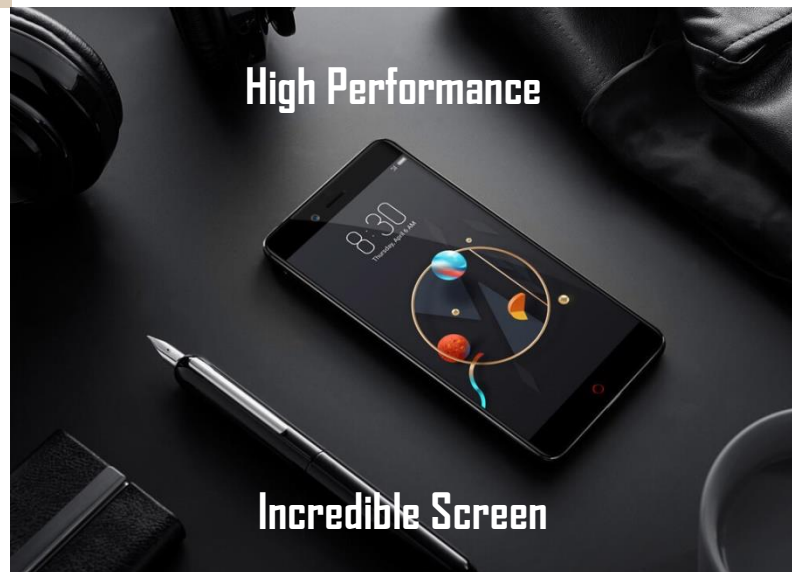▶ 2950 mAh Battery
▶ Android 6.0 Marshmallow + Nubia UI 4.0

KEY FEATURES

PN	ITEM	UPC
503530	ARCHOS Diamond Alpha - 64GB - EU	690590035300

Dual 13MP Camera
Capture Crystal Clear Photos

Dual 13MP Camera
RGB+MONO

Sapphire Glass
Lens Protection

0.1 second
PDAF Hybrid Focus
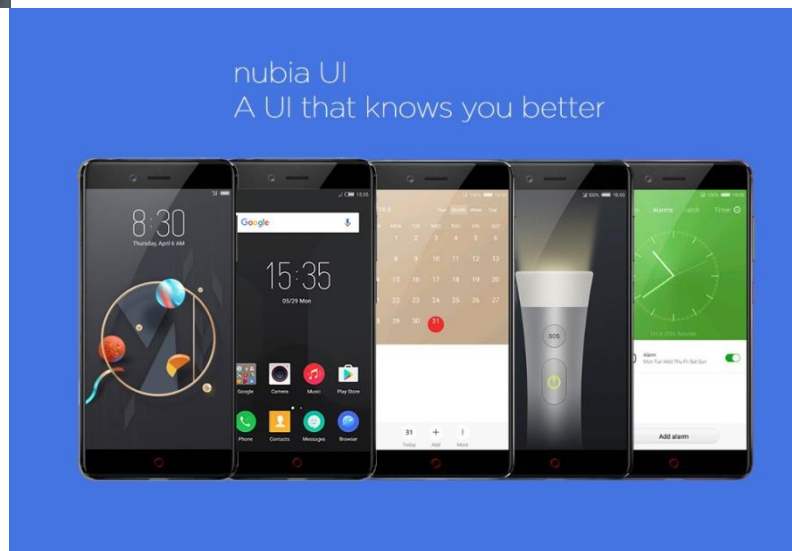
Hand-held Image Stabilization
Electronic anti shake

Equipped with two Sony 13MP rear cameras, the ARCHOS Diamond Alpha has a true color RGB sensor that captures rich and vibrant colors, and a customized Sony full-light MONO sensor that allows more than 96.6% light, capturing spectacularly vivid details of light and shade.

With 4GB RAM and Qualcomm Snapdragon 652 processor the ARCHOS Diamond Alpha is superlatively fast, whether you open 10 apps or just 1. Enjoy all your 3D games without any lag on the very bright and colorful 5.2" IPS Full HD screen. And don't be afraid by downloading many apps as you want with the 64GB storage (+ micro SD up to 256GB).

High Performance

Incredible Screen

600s
Ziron Sands
Sand Blasting

60min
90 milling cutter
Persistent processing

To enhance the Diamond Alpha quality to a flagship level, we have spared no expenses. Each Diamond Alpha undergoes 60 minutes continuous processing using 90 special cutters, automatic 360 degree high-precision polishing using robots, 600 seconds sanding with extremely-fine zircon sands, and 180 minutes anodic oxidation, using four-axis, high-precision CNC technology. All of these processes help make Diamond Alpha a smartphone that exudes class and style.

The ARCHOS Diamond Alpha is equipped with a customized edition of Nubia UI 4.0 based on Android 6.0 Marshmallow. It finds a balance between flatness and depth. Bright colors and smart interaction are like a breath of fresh air. Split screen, application-cloning and the Super Screenshot are some of all the incredible functions of the Nubia UI 4.0.

nubia UI
A UI that knows you better

Hardware

CPU	Qualcomm S652, Octo-Core 64 bits (4x1.8GHz A72 & 4x1.4GHz A53)
GPU	Adreno 510 @550 MHz
RAM	4GB, LPDDR3
Internal Storage	64GB
Expandable Storage	Micro SD card, up to 256GB
Size &Weight	146.65x72.5x7.45mm; 155g

Screen

Diagonal Size	5.2 inch
Definition	1920x1080 (Full HD)
Resolution	424 PPI
Technology Type	LTPS (IPS)
Multitouch	10 points
Contrast	1500:1
Protection	Corning Gorilla Glass 3
Luminance	450 cd/m²
Supplier	Japan Display Insdustry (JDI)

Software

Operating System	Nubia UI 4.0 based on Android 6.0 Marshmallow
Nubia UI 4.0 Features	Edge Gestures, SuperSnap, Neovision 6, Apps Cloning, DTS sound effect, Split Screen
Application Store	Google Play
Internet browser	Proprietary Browser
Voice Assistant	Google Now
Google Apps preinstalled	Gmail, Calendar, Maps, Play Music, Play Movies
Email Compatibilities	POP/IMAP/ Exchange Active Synch/ SMTP/Push Mail

Wireless Technologies

SIM Placement and Type	Dual SIM
GSM / GPRS / EDGE freqs	850 / 900 / 1800 / 1900 MHz
3G/ WCDMA freqs	900 / 2100 MHz
4G/ LTE freqs	800 / 1800 / 2100 / 2600 MHz
Data Rates	300Mbps / 50Mbps in 4G+
SMS/MMS	Yes
Wifi	Yes, 802.11 b/g/n/ac
Wifi Direct	Yes
Bluetooth	Yes, Bluetooth 4.2 LE
GPS	GPS, GLONASS, BDS
FM Radio	No
SAR / DAS	Head: 1.29 W/kg; Body: 1.11 W/kg

Camera

Front Camera	16MP FF 4608*3456 pixels 80° Wide Angle 5P Lens F2.0 Aperture

Back Camera	2x13MP AF (Color & B&W)	
	4160*3120 pixels	
	2x6P Lens	
	Sapphire Glass Protective Lens	
	F2.2 Aperture	
	NeoVision 6.0	
Video encoding	4K 30fps / 1080P 60fps / 720P 120fps	

Power

Removable	No
Battery Size	2950 mAh
Battery Type	Li-ion,
BatteryWeight	TBC
Battery Life	TBC
ChargingAdaptor	5V/1.5A, USB Type-C 2.0

Multimedia

Supported video formats	MP4, 3GP, MOV, MKV, AVI, FLV, MPEG
Supported audio formats	FLAC, AAC, MKA, OGG, MIDI, M4A, AMR
Supported image formats	JPEG, BMP, PNG, GIF

Yes

Ports and Sensors

Loudspeakers	
Audio out	Mini-jack 3.5mm
Microphone	Yes
Light and Proximity	Yes
USB OTG	Yes
G sensor / Compass /Gyro	Yes / Yes / Yes

What's in the box

ARCHOS Diamond Alpha
USB charger
USB Cable
Eject SIM tool

Quick Start Guide
Warranty Booklet

ARCHOS

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503530	ARCHOS Diamond Alpha - EU	690590035300

PRODUCT

Unit(s) per box	1
Product Weight (g)	155
Packaged Product Weight (g)	450

Packaging dimensions in cms (retail box)

Length	173
Width	94
Height	48

MASTER CARTON

Units Per Master carton	10
Loaded Master Carton Weight (kgs)	5

Master Carton extern dimensions in mms

Length	366
Width	258
Height	134

PALLET (80x120 cm pallet type) Standard Production Palletization

Units Per Pallet	630
Master cartons Per Pallet Layer	63
Layers Per Pallet	
Loaded Pallet Weight (Kgs)	330

Pallet dimensions in mm	
Length	1200
Width	800
Height	1078

BATTERY INFORMATION

Dimensions	
Height (mm)	3.3
Width (mm)	60.3
Length (mm)	78.2
Weight	
Weight (g)	39.6
Type	
Type	Li-ion battery
Ah	
mAh	2950
Watt per hour	
Wh	11.3
Number of cells	
Number of cells	1