

iPhone

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iPhone 4S

Colour

White



Black

Capacity¹

16GB

32GB

64GB

Size and Weight²

Height: 115.2 mm (4.5 inches)
 Width: 58.6 mm (2.31 inches)
 Depth: 9.3 mm (0.37 inches)
 Weight: 140 grams (4.9 ounces)

3G and Wireless

- World phone
- UMTS/HSDPA/HSUPA (850, 900, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz)
- CDMA EV-DO Rev. A (800, 1900 MHz)³
- 802.11 b/g/n Wi-Fi (802.11 n 2.4GHz only)
- Bluetooth 4.0 wireless technology

802.11n



Location

- Assisted GPS
- Digital compass
- Wi-Fi
- 3G



Display

- Retina display
- 3.5-inch (diagonal) widescreen Multi-Touch display



iPhone 4S



- 960x640-pixel resolution at 326 ppi
- 800:1 contrast ratio (typical)
- 500 cd/m2 max brightness (typical)
- Fingerprint-resistant oleophobic coating on front and back
- Support for display of multiple languages and characters simultaneously

Camera, Photos and Video

- 8-megapixel camera
- Autofocus
- Tap to focus
- Face detection in still images
- LED flash
- Video recording, HD (1080p) up to 30 frames per second with audio
- Video stabilisation
- Front camera with VGA-quality photos and video at up to 30 frames per second
- Photo and video geotagging



External Buttons and Connectors

External Buttons and Controls



Connectors and Input/Output

Power and Battery⁴


- Built-in rechargeable lithium-ion battery
- Charging via USB to computer system or power adapter
- Talk time: Up to 8 hours on 3G, up to 14 hours on 2G (GSM)
- Standby time: Up to 200 hours
- Internet use: Up to 6 hours on 3G, up to 9 hours on Wi-Fi
- Video playback: Up to 10 hours
- Audio playback: Up to 40 hours




Audio Playback

- Frequency response: 20Hz to 20,000Hz

iPhone 4S

	<ul style="list-style-type: none"> • Audio formats supported: AAC (8 to 320 Kbps), Protected AAC (from iTunes Store), HE-AAC, MP3 (8 to 320 Kbps), MP3 VBR, Audible (formats 2, 3, 4, Audible Enhanced Audio, AAX and AAX+), Apple Lossless, AIFF and WAV • User-configurable maximum volume limit 		
TV and Video	<ul style="list-style-type: none"> • AirPlay Mirroring to Apple TV support at 720p • Video mirroring and video out support: Up to 1080p with Apple Digital AV Adapter or Apple VGA Adapter (adapters sold separately) • Video out support at 576p and 480p with Apple Component AV Cable; 576i and 480i with Apple Composite AV Cable (cables sold separately) • Video formats supported: H.264 video up to 1080p, 30 frames per second, High Profile level 4.1 with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, .mp4 and .mov file formats; MPEG-4 video up to 2.5 Mbps, 640x480 pixels, 30 frames per second, Simple Profile with AAC-LC audio up to 160 Kbps per channel, 48kHz, stereo audio in .m4v, .mp4 and .mov file formats; Motion JPEG (M-JPEG) up to 35 Mbps, 1280x720 pixels, 30 frames per second, audio in ulaw, PCM stereo audio in .avi file format 		
Headphones	<ul style="list-style-type: none"> • Apple Earphones with Remote and Mic • Frequency response: 20Hz to 20,000Hz • Impedance: 32 ohms 		
Mail Attachment Support	<p>Viewable Document Types</p> <p>.jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel)</p>		
Sensors	<ul style="list-style-type: none"> • Three-axis gyro • Accelerometer • Proximity sensor • Ambient light sensor 		
System Requirements	<table border="0"> <tr> <td> <p>Mac System Requirements</p> <ul style="list-style-type: none"> • Mac computer with USB 2.0 port • OS X v10.5.8 or later • iTunes 10.5 or later (free download from www.itunes.com/de/download) • Apple ID (required for some features) </td> <td> <p>PC System Requirements</p> <ul style="list-style-type: none"> • PC with USB 2.0 port • Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 3 or later • iTunes 10.5 or later (free download) </td> </tr> </table>	<p>Mac System Requirements</p> <ul style="list-style-type: none"> • Mac computer with USB 2.0 port • OS X v10.5.8 or later • iTunes 10.5 or later (free download from www.itunes.com/de/download) • Apple ID (required for some features) 	<p>PC System Requirements</p> <ul style="list-style-type: none"> • PC with USB 2.0 port • Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 3 or later • iTunes 10.5 or later (free download)
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	<ul style="list-style-type: none"> • Internet access from www.itunes.com/de/download • Apple ID (required for some features) • Internet access
Environmental Requirements	<ul style="list-style-type: none"> • Operating temperature: 0° to 35° C (32° to 95° F) • Non-operating temperature: -20° to 45° C (-4° to 113° F) • Relative humidity: 5% to 95% non-condensing • Maximum operating altitude: 3,000 metres (10,000 feet)
Languages	<p>Language Support English (US), English (UK), Chinese (Simplified), Chinese (Traditional), French, German, Italian, Japanese, Korean, Spanish, Arabic, Catalan, Croatian, Czech, Danish, Dutch, Finnish, Greek, Hebrew, Hungarian, Indonesian, Malay, Norwegian, Polish, Portuguese, Portuguese (Brazil), Romanian, Russian, Slovak, Swedish, Thai, Turkish, Ukrainian, Vietnamese</p> <p>Keyboard Support English (US), English (UK), Chinese – Simplified (Handwriting, Pinyin, Wubihua), Chinese – Traditional (Handwriting, Pinyin, Zhuyin, Cangjie, Wubihua), French, French (Canada), French (Switzerland), German (Germany), German (Switzerland), Italian, Japanese (Romaji, Kana), Korean, Spanish, Arabic, Bulgarian, Catalan, Cherokee, Croatian, Czech, Danish, Dutch, Emoji, Estonian, Finnish, Flemish, Greek, Hawaiian, Hebrew, Hindi, Hungarian, Icelandic, Indonesian, Latvian, Lithuanian, Macedonian, Malay, Norwegian, Polish, Portuguese, Portuguese (Brazil), Romanian, Russian, Serbian (Cyrillic/Latin), Slovak, Swedish, Thai, Tibetan, Turkish, Ukrainian, Vietnamese</p> <p>Dictionary Support (enables predictive text and auto-correct) English (US), English (UK), Chinese (Simplified), Chinese (Traditional), French, French (Canada), French (Switzerland), German, Italian, Japanese (Romaji, Kana), Korean, Spanish, Arabic, Catalan, Cherokee, Croatian, Czech, Danish, Dutch, Estonian, Finnish, Flemish, Greek, Hawaiian, Hebrew, Hindi, Hungarian, Indonesian, Latvian, Lithuanian, Malay, Norwegian, Polish, Portuguese, Portuguese (Brazil), Romanian, Russian, Slovak, Swedish, Thai, Turkish, Ukrainian, Vietnamese</p> <p>Siri Languages English (US, UK and Australian), French, German</p>
In the Box	<ul style="list-style-type: none"> • iPhone 4S • Apple Earphones with Remote and Mic • Dock Connector to USB Cable • USB Power Adapter • Documentation 

Apple takes a complete product life cycle approach to determining our environmental impact. Learn more

iPhone 4S embodies Apple's continuing environmental progress. It is designed with the following features to reduce environmental impact:

- PVC-free handset
- PVC-free headphones
- PVC-free USB cable
- Bromine-free printed circuit boards
- Mercury-free LCD display
- Arsenic-free display glass
- Majority of packaging made from post-consumer recycled fibreboard and bio-based materials
- Power adapter outperforms strictest global energy efficiency standards

Apple and the Environment

Learn more about Apple's dedication to reducing the environmental impact of our products and process. Apple Product Environmental Reports detail the environmental attributes of our products.

Recycling

Apple takes a holistic view of materials management and waste minimisation. Learn more about how to recycle your iPhone.



Compare
iPhone Models



iPhone 4 Tech Specs



iPhone 3GS Tech Specs

Zubehör

Apple In-Ear Headphones mit Fernbedienung und Mikrofon

Diese Kopfhörer bieten maximale Reinheit und Präzision in der Klangwiedergabe. So hörst sogar Details, die dir ansonsten glatt entgehen. Ansehen



Apple USB Power Adapter

Mit diesem superkompakten USB Netzteil kannst du das iPhone auch ohne Computer überall aufladen. Ansehen



Apple iPhone Bumper

Die zweifarbigem iPhone Bumper aus strapazierfähigem Kautschuk und geformtem Kunststoff umschließen die Kanten des iPhone 4S und iPhone 4 perfekt. Und bringen noch etwas mehr Farbe ins Leben. Ansehen



Weiteres Zubehör

iPhone 4 Dock
iPhone 4 Dock Adapter
Apple Dock Connector auf USB Kabel
Apple Earphones mit Fernbedienung und Mikrofon
Apple Digital AV-Adapter
Apple VGA-Adapter
iPhone TTY-Adapter
Apple AV-Kabel (Komponentenvideo)
Apple AV-Kabel (Composite-Video)
AirPort Extreme Basisstation
Nike + iPod Sensor
Reise-Adapter-Kit

[Mehr Zubehör im Apple Online Store](#)

1. 1GB = 1 billion bytes; actual formatted capacity less.
2. Actual size and weight vary by configuration and manufacturing process.
3. CDMA available only if iPhone 4S is sold and activated for use on a CDMA network.
4. All battery claims depend on network configuration and many other factors; actual results will vary. Battery has limited recharge cycles and may eventually need to be replaced by Apple service provider. Battery life and charge cycles vary by use and settings. See www.apple.com/de/batteries and www.apple.com/de/iphone/battery.html for more information. Some features, applications and services are not available in all areas. See your carrier for details. Application availability and pricing are subject to change.