

	iPod touch	iPod nano
Capacity	32GB / 64GB	16GB
Wireless	802.11a/b/g/n Wi-Fi (802.11n 2.4GHz & 5GHz) Bluetooth 4.0 Maps: Location-based service Nike+ support built in	Bluetooth 4.0
Display	4" (101.6 mm) widescreen display with Multi-Touchg IPS technology Retina Display 1136 x 640 pixel resolution at 326 pixels per inch 800:1 contract ratio (typical) 500 cd/m2 max brightness (typical) Fingerprint-resistant oleophobic coating	2.5" (63.5 mm) diagonal widescreen Multi-Touch display 240 x 432 pixel resolution at 202 pixels per inch
Camera	5MP rear-facing iSight camera Autofocus Tap to focus video or stills Backside illumination Hybrid IR filter Five-element lens LED flash f/2.4 aperture Face detection Panorama HDR HD video recording (1080p) up to 30 fps with audio 1.2MP front-facing FaceTime HD camera with HD video (720p) up to 30 fps Video stabilization Tap to control exposure for video or stills Photo and video geotagging over Wi-Fi	N/A
Input and Output	Lightning connector 3.5 mm stereo headphone jack Built-in speaker Microphone	Lightning connector 3.5 mm stereo headphone jack

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External Buttons	Volume up/down Home button On/Off - Sleep/Wake button	Volume up/down Home button On/Off - Sleep/Wake button
Power and Battery	Built-in rechargeable lithium-ion battery Music playback time: up to 40 hours when fully charged Video playback time: up to 8 hours when fully charged Charging times: Fast charge in about 2 hours (80% capacity), full charge in about 4 hours	Built-in rechargeable lithium-ion battery Music playback time: Up to 30 hours when fully charged Video playback time: Up to 3.5 hours when fully charged Charging via USB to computer system or power adapter (sold separately) Fast-charge time: about 1.5 hours (charges up to 80% of battery capacity) Full-charge time: about 3 hours
Audio Playback	Frequency response: 20Hz to 20,000Hz 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	Frequency response: 20Hz to 20,000Hz 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 FM Radio with regional settings for Americas , Asia, Australia, Europe & Japan (live pause feature with 15-min buffer)
TV and Video	H.264 video up to 720p, 30 fps, Main Profile level 3.1 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, 640 by 480 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, 1280 x 720 pixels, 30 frames per second, audio in ulaw, PCM stereo audio in .avi file format AirPlay Mirroring to Apple TV support at 720p AirPlay video streaming to Apple TV (3rd generation) at up to 1080p and Apple TV (2nd generation) at up to 720p	H.264 video: 720 x 576 pixels, 30 frames per second; Baseline, Main, and High-Profile level 3.0 with AAC-LC audio up to 256 Kbps; 48kHz; stereo audio in .m4v, .mp4, and .mov file formats MPEG-4 video: up to 2.5 Mbps, 720 x 576 pixels, 30 frames per second; Simple Profile with AAC-LC audio up to 256 Kbps; 48kHz; stereo audio in .m4v, .mp4, and .mov file formats
Headphones	Apple EarPods	Apple EarPods

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Sensors	Three-axis gyro Accelerometer	Accelerometer
System Requirements	Apple ID (required for some features) Internet access Syncing with iTunes on a Mac or PC requires: Mac: OSX v10.6.8 or later PC: Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 3 or later iTunes 10.7 or later	Mac computer with USB 2.0 or 3.0 port, OS X v10.6.8 or later, and iTunes 10.7 or later PC with USB 2.0 port; Windows 7, Vista, or XP Home or Professional (SP3) or later; and iTunes 10.7 or later Internet access required; broadband recommended; fees may apply
Environmental Requirements	Operating ambient temperature: 32° to 95° F (0° to 35° C) Nonoperating temperature: -4° to 113° F (-20° to 45° C) Relative humidity: 5% to 95% noncondensing Maximum operating altitude: 10,000 feet (3000 m)	Operating temperature: 32° to 95° F (0° to 35° C) Nonoperating temperature: -4° to 113° F (-20° to 45° C) Relative humidity: 5% to 95% noncondensing Maximum operating altitude: 10,000 feet (3000 m)

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Languages	<p>Language Support: English (U.S.), 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>35 UI languages: Arabic, Brazilian Portuguese, British English, Cantonese (Traditional Chinese), Catalan, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hebrew, Hungarian, Indonesian, Italian, Japanese, Korean, Malay, Norwegian, Polish, Portuguese, Romanian, Russian, Simplified Chinese, Slovak, Spanish, Swedish, Thai, Traditional Chinese, Turkish, Ukrainian, Vietnamese. For Arabic and Hebrew, some UI elements are not right to left.</p>
	<p>Keyboard Support: English (U.S.), English (Australian), English (Canadian), English (UK), Chinese - Simplified (Handwriting, Pinyin, Stroke), Chinese - Traditional (Handwriting, Pinyin, Zhuyin, Cangjie, Stroke), French, French (Canadian), 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 (Portugal), Portuguese (Brazil), Romanian, Russian, Serbian (Cyrillic/Latin), Slovak, Swedish, Thai, Tibetan, Turkish, Ukrainian, Vietnamese</p>	<p>Fitness spoken feedback is available in seven languages: Chinese (Mandarin), English (U.S.), French (France), German, Italian, Japanese, Spanish (Spain).</p>

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Languages	<p>Dictionary Support: English (U.S.), English (Australian), English (Canadian), English (UK), Chinese - Simplified (Handwriting, Pinyin, Stroke), Chinese - Traditional (Handwriting, Pinyin, Zhuyin, Cangjie, Stroke), French, French (Canadian), French (Switzerland), German (Germany), German (Switzerland), Italian, Japanese (Romaji, Kana), Korean, Spanish, Arabic, Bulgarian, Catalan, Cherokee, Croatian, Czech, Danish, Dutch, Estonian, Finnish, Flemish, Greek, Hawaiian, Hebrew, Hindi, Hungarian, Icelandic, Indonesian, Latvian, Lithuanian, Macedonian, Malay, Norwegian, Polish, Portuguese (Portugal), Portuguese (Brazil), Romanian, Russian, Serbian (Cyrillic/Latin), Slovak, Swedish, Thai, Turkish, Ukrainian, Vietnamese</p>	<p>29 VoiceOver languages: Chinese (Cantonese, Mandarin), Czech, Danish, Dutch, English (Australia, UK, U.S.), Finnish, French (Canada, France), German, Greek, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Slovak, Spanish (Mexico, Spain), Swedish, Thai, Turkish.</p>
	<p>Siri Languages: English (U.S., UK, Canada, Australia), Spanish (U.S., Mexico, Spain), French (France, Canada, Switzerland), German (Germany, Switzerland), Italian (Italy, Switzerland), Japanese, Korean, Mandarin (Mainland China, Taiwan), Cantonese (Hong Kong)</p>	
Dimensions (HxWxD)	4.86 x 2.31 x 0.24" (123.4 x 58.6 x 6.1 mm)	3.01 x 1.56 x 0.21" (76.5 x 39.6 x 5.4 mm)
Weight	3.1 oz (88 g)	1.1 oz (31 g)