

# POWERSHOT SPECIFICATION CHART

	PowerShot SD780 IS	PowerShot SD790 IS	PowerShot SD1200 IS	PowerShot A2100 IS	PowerShot A2000 IS
					
<b>Type</b>	Compact digital still camera w/built-in flash, 3x Optical & 4x Digital & 12x Combined Zoom	Compact digital still camera with built-in flash, 3x Optical & 4x Digital & 12x Combined Zoom	Compact digital still camera with built-in flash, 3x Optical & 4x Digital & 12x Combined Zoom	Compact digital still camera w/built-in flash, 6x Optical & 4x Digital & 24x Combined Zoom	Compact digital still camera w/built-in flash, 6x Optical & 4x Digital & 24x Combined Zoom
<b>Image Capture Device</b>	12.1 Megapixel 1/2.3" CCD	10.0 Megapixel 1/2.3" CCD	10.0 Megapixel 1/2.3" CCD	12.1 Megapixel 1/2.3" CCD	10.0 Megapixel 1/2.3" CCD
<b>Resolution (Recording Pixels) Still Image</b>	4000 x 3000 (Large), 3264 x 2448 (Medium 1), 2592 x 1944 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 4000 x 2248 (Widescreen)	3648 x 2736 (Large), 2816 x 2112 (Medium 1), 2272 x 1704 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 3648 x 2048 (Widescreen)	3648 x 2736 (Large), 2816 x 2112 (Medium 1), 2272 x 1704 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 3648 x 2048 (Widescreen)	4000 x 3000 (Large), 3264 x 2448 (Medium 1), 2592 x 1944 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 4000 x 2248 (Widescreen)	3648 x 2736 (Large), 2816 x 2112 (Medium 1), 2272 x 1704 (Medium 2), 1600 x 1200 (Medium 3), 640 x 480 (Small), 3648 x 2048 (Widescreen)
<b>Resolution (Recording Pixels) Movie</b>	1280 x 720 at 30 fps, 640 x 480 at 30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 29 min. 59 sec. (HD) per clip	640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps, Time Lapse 640 x 480 approx. 2 hrs. at 0.5 fps/1 fps (Playback: 15 fps)	640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip	640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip	640 x 480 at 30 fps/30 fps LP, 320 x 240 approx. at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps
<b>ISO Sensitivity*</b>	Auto, ISO 80/100/200/400/800/1600	Auto, High ISO Auto, ISO 80/100/200/400/800/1600	Auto, ISO 80/100/200/400/800/1600	Auto, ISO 80/100/200/400/800/1600	Auto, High ISO Auto, ISO 80/100/200/400/800/1600
<b>Image Quality Modes</b>	JPEG: Normal, Fine	JPEG: Normal, Fine, SuperFine	JPEG: Normal, Fine	JPEG: Normal, Fine	JPEG: Normal, Fine, SuperFine
<b>Image Compression</b>	Still Image: JPEG (Exif. 2.2 compliant); Movie: MOV (Image: H.264; Audio: Linear PCM (Monaural))	Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural))	Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural))	Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural))	Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural))
<b>HD Movie Support / HDMI Terminal</b>	720 HD/Yes	No /No	No/No	No/No	No /No
<b>Recording Media</b>	SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card	SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card
<b>Shooting Modes</b>	Auto, P, Portrait, Foliage, Snow, Beach, Sunset, Fireworks, Aquarium, Underwater, ISO 3200, Long Shutter, Indoor, Kids & Pets, Night Snapshot, Color Accent, Color Swap, Digital Macro, Stitch Assist, Movie. Continuous (approx. 0.8 fps)	Auto, Camera M, Special Scene (Portrait, Foliage, Snow, Beach, Sunset, Fireworks, Aquarium, Underwater, ISO 3200, Indoor, Kids & Pets, Night Snapshot), Color Accent, Color Swap, Digital Macro, Stitch Assist, Movie. Continuous (approx. 1.4 fps)	Auto, P, Portrait, Foliage, Snow, Beach, Sunset, Fireworks, Aquarium, Underwater, ISO 3200, Long Shutter, Indoor, Kids & Pets, Night Snapshot, Digital Macro, Movie. Continuous (approx. 1.4 fps)	Auto, P, Easy, Portrait, Landscape, Special Scene (Night Scene, Foliage, Snow, Beach, Sunset, Fireworks, Aquarium, ISO 3200, Long Shutter), Indoor, Kids & Pets, Night Snapshot, Movie. Continuous (approx. 1.1 fps)	Auto, P, Easy, Portrait, Landscape, Special Scene (Night Scene, Foliage, Snow, Beach, Sunset, Fireworks, Aquarium, ISO 3200), Indoor, Kids & Pets, Night Snapshot, Movie. Continuous (approx. 1.3 fps)
<b>My Colors</b>	Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom	Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom	Vivid, Neutral, Sepia, B/W, Custom	Vivid, Neutral, Sepia, B/W, Custom	Vivid, Neutral, Sepia, B/W, Custom
<b>Playback Modes</b>	Still Image: Single, Magnification (approx. 2x-10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Transition Effects, Histogram, Index, Slide Show, Red-eye Correction, Resize, Trimming, Image Inspection Tool; Movie: Normal Playback, Special Playback, Auto Rotate, Resume	Still Image: Single, Magnification (approx. 2x-10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Transition Effects, Histogram, Index (9 thumbnails), Sound Memos, Slide Show, Red-eye Correction, Resize, Trimming, Image Inspection Tool; Movie: Normal Playback, Special Playback, Editing, Auto Rotate, Resume	Still Image: Single, Magnification (approx. 2x-10x), Jump, Auto Rotate, Rotate, Resume, Transition Effects, Histogram, Index (9 thumbnails), Slide Show, Red-eye Correction, Resize, Image Inspection Tool; Movie: Normal Playback, Special Playback, Auto Rotate, Resume	Still Image: Single, Magnification (approx. 2x-10x), Jump, Auto Rotate, Rotate, Resume, Transition Effects, Histogram, Index (9 thumbnails), Slide Show, Red-eye Correction, Resize, Image Inspection Tool, i-Contrast, Easy; Movie: Normal Playback, Special Playback, Auto Rotate, Resume, Easy	Still Image: Single, Magnification (approx. 2x-10x), Jump, Auto Rotate, Rotate, Resume, My Category, Transition Effects, Histogram, Index (9 thumbnails), Slide Show, Red-eye Correction, Resize, Image Inspection Tool, Easy; Movie: Normal Playback, Special Playback, Auto Rotate, Resume, Easy
<b>Interfaces</b>	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), Mini-HDMI Connector, SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers	USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers
<b>Lens</b>	5.9-17.9mm f/2.8-5.8 zoom Optical Image Stabilizer lens (equiv. to 33-100mm in 35mm format)	6.2-18.6mm f/2.8-4.9 zoom Optical Image Stabilizer lens (equiv. to 35-105mm in 35mm format)	6.2-18.6mm f/2.8-4.9 zoom Optical Image Stabilizer lens (equiv. to 35-105mm in 35mm format)	6.4-38.4mm f/3.2-5.9 zoom Optical Image Stabilizer lens (equiv. to 36-216mm in 35mm format)	6.4-38.4mm f/3.2-5.9 zoom Optical Image Stabilizer lens (equiv. to 36-216mm in 35mm format)
<b>Shutter Speed</b>	15-1/1500 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3-15 sec.	15-1/1500 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3-15 sec.	15-1/1500 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3-15 sec.	15-1/1600 sec.; Noise Reduction available when manually set at 1.3-15 sec.	15-1/1600 sec.; Noise Reduction available when manually set at 1.3-15 sec.
<b>Focus Range</b>	Normal AF: 1.0 ft./30cm-infinity (W), 1.5 ft./45cm-infinity (T); Macro AF: 1.2 in.-1.6 ft./3-50cm (WIDE); Digital Macro: 1.2-3.9 in./3-10cm (WIDE)	Normal AF: 1.0 ft./30cm - infinity; Macro AF: 1.2 in. - 1.6 ft./3-50cm (WIDE), 1-1.6 ft./30-50cm (TELE); Digital Macro: 1.2-3.9 in./3-10cm (WIDE)	Normal AF: 1.0 ft./30cm-infinity; Macro AF: 1.2 in.-1.6 ft./3-50cm (WIDE), 1-1.6 ft./30-50cm (TELE); Digital Macro: 1.2-3.9 in./3-10cm (WIDE)	Normal AF: 1.6 ft./50cm-infinity; Macro AF: 0.39 in.-1.6 ft./1-50cm (WIDE)	Normal AF: 1.6 ft./50cm - infinity; Macro AF: 0.39 in. - 1.6 ft./1-50cm (WIDE)
<b>Light Metering System</b>	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot	Evaluative, Center-weighted average, Spot
<b>Exposure Control</b>	Program AE, i-Contrast; AE lock	Program AE; AE lock	Program AE, i-Contrast; AE lock	Program AE; AE lock	Program AE; AE lock
<b>Compensation</b>	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments
<b>White Balance Control</b>	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom
<b>Viewfinder</b>	Real-image optical zoom viewfinder	No	Real-image optical zoom viewfinder	No	No
<b>LCD Monitor</b>	2.5" TFT color LCD	3.0" TFT color LCD	2.5" TFT color LCD	3.0" TFT color LCD	3.0" TFT color LCD
<b>Print/Share Button</b>	No	Yes	No	Yes	Yes
<b>Power Sources</b>	Rechargeable Lithium-ion Battery NB-4L, AC Adapter Kit ACK-DC10	Rechargeable Lithium-ion Battery NB-5L, AC Adapter Kit ACK-DC30	Rechargeable Lithium-ion Battery NB-6L, AC Adapter Kit ACK-DC40*	2 AA-size Alkaline/Ni-MH Battery NB4-300, AC Adapter Kit ACK800	2 AA-size Alkaline/Ni-MH Battery NB4-300, AC Adapter Kit ACK800
<b>Dimensions (W x H x D)</b>	3.43 x 2.15 x 0.72 in./87.0 x 54.5 x 18.4mm	3.61 x 2.24 x 0.82 in./91.6 x 56.8 x 20.9mm	3.48 x 2.16 x 0.86 in./88.5 x 54.8 x 21.8mm	4.01 x 2.50 x 1.26 in./101.9 x 63.5 x 31.9mm	4.01 x 2.50 x 1.26 in./101.9 x 63.5 x 31.9mm
<b>Weight (camera body only)</b>	Approx. 4.06 oz./115g	Approx. 5.47 oz./155g	Approx. 4.23 oz./120g	Approx. 6.53 oz./185g	Approx. 6.53 oz./185g

Specifications