



Samsung NX1000 Specifications

* Specifications are subject to change without prior notice

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Specification		NX 1000
Image sensor	Type	CMOS
	Sensor size	23.5x15.7mm
	Effective Pixel	Approx. 20.3 Mega-pixels
	Total Pixel	Approx. 21.6 Mega-pixels
	Color Filter	RGB primary color filter
Lens Mount	Mount	Samsung NX Mount
	Useable lens	Samsung Lenses
Image Stabilization	Type	Lens Shift (depends on Lens)
	Mode	OIS Mode1 / Mode2 / OFF
Distortion Correct		LDC On / Off (depends on Lens)
i-Function	i-Effect	i-Scene (depends on Lens)
		Smart Filter (Vignetting, Miniature, Fish-Eye, Sketch, Defog, Halftone Dot)
	i-Zoom	i-Zoom (x1.2, 1.4, 1.7, 2.0)
Dust Reduction	Type	Supersonic drive
Display	Type	TFT-LCD
	Size	3.0"
	Resolution	VGA (640X480) 921k dots
	Field of View	Approx. 100%
	Angle	Fixed
	Display	Grid (4types), Histogram, Icons : On/Off, Distance Scale : ft / m / Off, Electronic Level
Viewfinder	Type	N/A
	Resolution	
	Field of view	
	Magnification	
	Eyepoint	
	Diopter Adjustment	
Focusing	Type	Contrast AF
	Focusing point	Selection: 1point (Free selection) Multi : Normal 15points, Closeup 35points Face Detection : Max. 10 faces
	Modes	Single AF, Continuous AF, MF
	AF-assist Lamp	Yes



Shutter	Type	Electronically controlled vertical-run focal plane shutter
	Speed	Auto : 1/4000sec. ~ 30sec. Manual : 1/4000sec. ~ 30sec. (1/3EV step) Bulb (Limit time : 4min.)
Exposure	Metering System	TTL 221(17x13) Block segment
		Metering : Multi, Center-weighted, Spot
		Metering range : EV 0-18 (ISO 100 · 30mm, F2)
	Compensation	±3 EV (1/3EV step)
	AE Lock	CUSTOM Key applicable
ISO Equivalent	Auto, 100, 200, 400, 800, 1600, 3200, 6400, 12800 (1 or 1/3EV step) * AUTO ISO upper level is selectable. (Up to ISO3200)	
Drive Mode	Modes	Single, Continuous, Burst (5M size only), Self-timer, Bracket (AE/WB/PW)
	Continuous	JPEG : High(8fps) up to 11 shots, Low(3fps) up to 15 shots selectable Burst : 10, 15, 30fps selectable, 30 shots by 1 release RAW : High(8fps), Low(3fps) selectable up to 8 shots
	Bracket	Auto Exposure Bracket (±3EV), WB, PW
	Self-timer	2 - 30sec. (1sec. step)
	Remote controller	Wired : SR2NX02 (Optional)
Flash	Type	External Flash only (Bundle with SEF8A)
	Modes	Smart Flash, Auto, Auto+Red-eye reduction, Fill-in, Fill-in+Red-eye reduction, 1st Curtain, 2nd Curtain, Off
	Guide Number	8 (at ISO 100) (SEF8A)
	Angle of View Coverage	28mm wide-angle (Equivalent to 35mm) (SEF8A)
	Sync. Speed	Less than 1/180sec.
	Flash Compensation	-2 - +2EV (1/2EV step)
	External Flash	Samsung External Flash available (SEF42A, SEF220A : Optional)
	Synchro (Flash attachment)	Hot Shoe
White Balance		Auto, Daylight, Cloudy, Fluorescent (W, N, D), Tungsten, Flash, Custom, K(Manual)
	Micro adjustment	each 7 steps in Amber / Blue / Green / Magenta axis
Dynamic Range Expansion		OFF / Smart Range
Picture Wizard	Modes	Standard, Vivid, Portrait, Landscape, Forest, Retro, Cool, Calm, Classic, Custom (1~3)
	Parameter	Contrast, Sharpness, Saturation, Color
Shooting	Modes	SmartAuto(2.0), Program, Aperture Priority, Shutter Priority, Manual, Lens Priority, Magic, Scene, Movie, Wi-Fi
	Scene Mode	Panorama (Live, 3D), Beauty shot, Night, Landscape, Portrait, Children, Sports, Close-Up, Text, Sunset, Dawn, Backlight, Fireworks, Beach & Snow, 3D Photo



	Smart Filter	Vignetting, Miniature, Fish-Eye, Sketch, De-fog, Halftone Dots, Soft Focus, Old Film1, Old Film2, Negative, Selective Color (4 Color Modes)
	Magic Frame	Old Album, Old Film, Wave, Full Moon, Old Record, Magazine, Sunny Day, Classic TV, Wall Art, Holiday, Billboard 1, Billboard 2, Newspaper
	Image Size	JPEG (3:2) : 20.0M (5472x3648), 10.1M (3888x2592), 5.9M (2976x1984), 2.0M (1728x1152), 5.0M (2736x1824): Burst mode only JPEG (16:9) : 16.9M (5472x3080), 7.8M (3712x2088), 4.9M (2944x1656), 2.1M (1920x1080) JPEG (1:1) : 13.3M (3648x3648), 7.0M (2640x2640), 4.0M (2000x2000), 1.1M (1024x1024) RAW : 20.0M (5472x3648)
	Quality	Super fine , Fine, Normal
	RAW Format	SRW
	Color Space	sRGB, Adobe RGB
	Movie	Format
Compression		Movie : H.264 , Sound : AAC
Modes		Program, Aperture Priority, Shutter Priority, Manual
Movie Clip		With Audio or without Audio (user selectable, recording time : 25 minutes)
Smart Filter		Vignetting, Miniature, Fish-Eye, Sketch, De-fog, Halftone Dots, Soft Focus, Old Film1, Old Film2, Negative
Image size		1920x1080, 1920x810, 1280x720, 640x480, 320x240 for Sharing (Default : 1920x1080)
Frame rate		30fps, 24fps(1920x810 Only)
Multi-Motion Recording		x0.25 (640, 320 only), x0.5 (1280, 640, 320 only), x5, x10, x20
Quality		High Quality , Normal
Sound		Stereo Sound
Movie Editing		Still Image Capture, Time Trimming
Image Play	Type	Single image, Thumbnails (3/15/40 images), Slide show, Movie
	Editing	Smart Filter, Red-eye fix, Backlight., Resize, Rotate, Face Retouch, Brightness, Contrast, Vignetting
	Smart Filter	Miniature, Soft Focus, Old Film1, Old Film2,, Halftone Dots, Sketch, Fish-Eye, De-fog Negative
		<Size> JPEG (3:2) : 5.9M (2976x1984), 5.0M (2736x1824), 2.0M (1728x1152) JPEG (16:9) : 6.2M (3328x1872), 4.9M (2944x1656), 2.1M (1920x1080)



		JPEG (1:1) : 6.0M (2448x2448), 4.0M (2000x2000), 1.1M (1024x1024)
Storage	Media	SD, SDHC, SDXC (guarantee up to 128GB)
	File format	RAW (SRW), JPEG (EXIF 2.21), DCF, DPOF 1.1, PictBridge 1.0
	Capacity (2GB)	<p>20.0M : RAW 53</p> <p>20.0M (3:2) : Super Fine 186, Fine 364, Normal 535</p> <p>10.1M (3:2) : Super Fine 378, Fine 724, Normal 1043</p> <p>5.9M (3:2) : Super Fine 626, Fine 1168, Normal 1642</p> <p>2.0M (3:2) : Super Fine 1627, Fine 2742, Normal 3553</p> <p>Burst (5.0M) : Super Fine 731, Fine 1349, Normal 1878</p> <p>16.9M (16:9) : Super Fine 230, Fine 448, Normal 655</p> <p>7.8M (16:9) : Super Fine 485, Fine 919, Normal 1310</p> <p>4.9M (16:9) : Super Fine 747, Fine 1376, Normal 1912</p> <p>2.1M (16:9) : Super Fine 1573, Fine 2666, Normal 3468</p> <p>13.3M (1:1) : Super Fine 289, Fine 560, Normal 814</p> <p>7.0M (1:1) : Super Fine 536, Fine 1010, Normal 1432</p> <p>4.0M (1:1) : Super Fine 893, Fine 1621, Normal 2224</p> <p>1.1M (1:1) : Super Fine 2645, Fine 4057, Normal 4936</p> <p>Movie : 1920x1080 30p : High Quality 17m 45s, Normal 22m 09s</p> <p style="padding-left: 40px;">1920x810 24p : High Quality 74m 08s, Normal 91m 51s</p> <p style="padding-left: 40px;">1280x720 30p : High Quality 29m 26s, Normal 36m 41s</p> <p style="padding-left: 40px;">640x480 30p : High Quality 74m 08s, Normal 91m 51s</p> <p style="padding-left: 40px;">320x240 30p : High Quality 238m 30s, Normal 289m 55s</p> <p>※ These figures are measure under the Samsung standard.</p>
Languages		17 Languages (Korean, English, Danish, German, Dutch, Swedish, Spanish, Italian, Czech, French, Portuguese, Polish, Finnish, Russian, Norsk, Simplified/Traditional Chinese)
Direct Printing		PictBridge
GPS	Type (Specification)	Geo-tagging w/ Optional GPS Module (WGS84)
	Function	-Location Name(OSD) (English and Korean only) -Google Map Link (with intelli-Studio)
Wi-Fi		<p>IEEE 802.11n support</p> <p>(Smartphone-Link Button Support)</p> <ul style="list-style-type: none"> . Mobile Link . Remote Viewfinder . Social Sharing . Email . Cloud (SkyDrive) . Auto Backup . TV Link . Wi-Fi Direct
Interface	Digital Output	USB 2.0 (HI-SPEED) (micro USB Jack)



	Connector	
	Video output	NTSC, PAL (user selectable) HDMI 1.4a : (1080i, 720P, 576P / 480P)
	External Release	Yes
	External Mic	Yes
Power Source	Type	Rechargeable battery : BP1030 (1030mAh) Charger: BC1030
	Battery life	165min / 320shots (CIPA Standard)
Physical Specification	Dimensions (WxHxD)	114 x 62.5 x 37.5mm (excluding the projection part)
	Weight	222g (without battery and memory card)
	Operating Temperature	0 ~ 40 °C
	Operating Humidity	5 ~ 85%
Software	Application	intelli-studio 3.0, Samsung RAW Converter 4, PC Auto Backup
		Adobe Reader