

NOOKcolor Specifications

Revolutionize how people read with NOOKcolor, the ultimate reading experience-- the first full-color touch Reader's Tablet.

Built on Android, our eReading platform accelerates your ability to bring rich interactive content and applications to market.



Specifications

General		Input	
OPERATING SYSTEM	Android 2.1 (Éclair)	KEYBOARD	Virtual QWERTY
FORM FACTOR	Tablet	SOFTKEYS	Virtual SoftKeys (back & menu)
DIMENSIONS (IN)	Length 8.1", Width 5", Thickness 0.48"	POWER	Dedicated Power/Lock key
DIMENSIONS (MM)	Length 205mm, Width 127mm, Thickness 12.2mm	VOLUME KEY	Volume up/down (two)
WEIGHT	~422g	HOME KEY	Top Face
		ACCELEROMETER	Supported
System		Connectivity & Audio	
CPU PROCESSOR	Ti OMAP 3621 @ 800Mhz	USB - MICRO	Version 2.0, High-Speed
GPU PROCESSOR	POWERVR SGX530	WIFI CONNECTIVITY	802.11b/g/n
GRAPHICS RENDERING	Open GLES1.1, OpenGL ES 2.0	WIFI SECURITY	WEP/WPA/WPA2/802.1x
RAM	512MB	WIFI MODE	Infrastructure
STACKED FLASH (ROM)	8GB	SPEAKERS	Single/Mono
USER STORE CAPACITY	~5GB	HEADSET JACK	3.5mm
REMOVABLE MEMORY	32GB via microSDHC		
FILE SYSTEM	FAT32		
Media & File Types		Display	
AUDIO FORMATS	.3GP, .3G2, .MP4, .AMR, .MP3, .MID, .XMF, .MXMF, .RTTL, .OTA, .IMY, .WAV, .OGG, .ACC	PIXEL WIDTH	600
AUDIO CODECS	ACC, ACC+, AMR, MP3, MIDI, LPCM	PIXEL HEIGHT	1024
IMAGE FORMATS	JPEG, GIF, PNG, BMP	PIXELS PER INCH	169
Video ENCODING RESOLUTION (MAX)	854x480 scaled to 1024x600	ASPECT RATIO	16:9
VIDEO FORMATS	.3GP, .MP4, .3G2	COLORS	16 million
VIDEO CODECS	H.263, H.264, MPEG-4, ON2 VP7		
AUDIO/VIDEO STREAMING	HTTP, RTSP		
FILE FORMATS	PDF, ePUB, DRP, ePIB, TXT, RTF, XLS, DOC, PPT, PPS, DOCM, XLSM, PPTM, PPSX, PPSM, DOCX, XLSX, PPTX		