

 **NGM**  
NEW GENERATION MOBILE

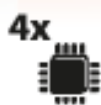
**Dynamic**  
**E450**



Display 4.5"  
FWVGA



HSPA+



4x  
Quad Core CPU



Camera 5MP  
Front 1.3MP



Memory  
4GB ROM



Expandable  
with micro SD



Android™ 5.1,  
Lollipop



3 colored covers  
included

# NGM DYNAMIC E450

Design	
Form factor	Touch
Size (mm)	133x67.2x9.9
Weight (battery included) (gr)	140
Available colours	Black, Red, Gold
Keypad type	Virtual
Display	
Type	TFT
Technology	Capacitive touch screen
Size	4.5"
Resolution	FWVGA - 480x854
Radio Standard	
2G Network	GSM Quad-Band 850/900/1800/1900
UMTS/WCDMA	Dynamic 3G service, settable either on SIM1 or SIM2
3G Network	900/2100 MHz
Data	
GPRS (class 12)	YES
EDGE	YES
Network speed (3G)	HSDPA <sup>+</sup> 21 Mbps; HSUPA 5,76 Mbps
Wap (Wap apn )	YES
Web (Web apn)	YES
Connections	
USB	YES, Micro USB
Wi-Fi	SI
Bluetooth	YES, v4.0 - Smart Ready
Modem	YES
System	
SIM management	Dual Sim Dual Standby (DSDS)
SIM Type	1 Standard SIM + 1 Micro SIM
Supported Operators	All operators (Dynamic 3G service, settable either on SIM1 or SIM2)
Operating System	Android™ 5.1, Lollipop
Processor	MT6580M
CPU model	Quad Core 1.3GHz, Cortex-A7
RAM memory	512MB
Total internal memory (*)	4GB
T-Flash slot	Yes, up to 64GB
Supported languages	Italian, English, French, German, Spanish and Others

# NGM DYNAMIC E450

<b>Messaging</b>	
<b>SMS/MMS</b>	SMS and MMS
<b>Predictive writing</b>	Android™ Standard
<b>E-Mail</b>	YES
<b>Multimedia</b>	
<b>Back camera (Megapixels)</b>	5.0
<b>Flash</b>	YES
<b>Autofocus</b>	NO
<b>Video recorder</b>	HD 1280 x 720, 25fps
<b>Video player</b>	AVI; 3GP; MPEG-4
<b>Front camera</b>	YES, 1.3MP
<b>Video call support</b>	NO
<b>Camera functions</b>	HDR, Geotagging, Beauty face, Smile detection, self-timer, panorama
<b>Audio player</b>	Mp3/Midi/Aac/Wav player
<b>FM Radio</b>	YES
<b>Radio recorder</b>	YES
<b>Ringtones</b>	Vibration, MP3, WAV, OGG
<b>Handsfree</b>	YES
<b>3.5mm jack</b>	YES
<b>Custom wallpaper</b>	YES
<b>Sensor</b>	
<b>Accelerometer (Movement sensor)</b>	YES
<b>Phone Book</b>	
<b>Maximum number of contacts (excluding SIM cards)</b>	Dinamic
<b>Contacts pictures</b>	YES
<b>Contacts ringtones</b>	YES
<b>Phone book groups</b>	YES
<b>NGM Functions</b>	
<b>Selective activation of each YESM card</b>	YES
<b>Dynamic 3G</b>	YES
<b>Facilitated use and SOS</b>	
<b>Keypad lock</b>	YES
<b>Fast call keys</b>	YES (9)
<b>PIM and Entertainment functionalities</b>	
<b>PIM functionality</b>	alarm clock, organizer, calculator
<b>GPS</b>	GPS + A-GPS
<b>Auto On/Off switch</b>	YES
<b>Other apps</b>	NGM support

# NGM DYNAMIC E450

<b>Battery</b>	
<b>Type</b>	Li-ion 1700mAh
<b>Stand-by (hours)</b>	up to 258
<b>Conversation (minutes)</b>	up to 930 (2G) - 460 (3G)
<b>Box content</b>	
<b>Content</b>	battery, battery charger, USB cable, user manual
<b>Certifications</b>	
<b>Maximum SAR (W/kg)</b>	0,596
<b>Other certifications</b>	CE and RoHS

(\*)The operating system uses memory, the storing capacity of the phone is therefore lower.