

Note 16 Pro Specifications



Physical Characteristics

Color	Meteorite Black/Serenity Blue/Midnight Violet
Material	PC
USB	Type-C, USB 2.0
Headphone Jack	3.5mm CTIA
Card Slots	2, 1 Nano-SIM + 1 Nano-SIM/microSD
Keys	Power button (Fingerprint) + Volume button

Size & Weight

Product Size	165.0*76.4*8.7 mm
Product Weight	184 g
Package Size	92.5*180.5*58.5 mm
Package Weight	438.8 g

Ruggedness

Waterproof	N/A
Dustproof	N/A
Shockproof	N/A
Working Temperature	-20°C - 55 °C (-4°F - 131°F)
Certification	N/A

Display

Screen Size	6.52-inch
Screen Resolution	720x1600 HD+
Aspect Ratio	20:9
PPI	269
Color Depth	8 bit, 16.7M
Refresh Rate	60Hz
Screen-to-Body Ratio	90%
Multi-touch	10

Processor

CPU Model	Unisoc T606
Main frequency	1.6GHz
CPU Core	8, 2x Cortex A75 + 6x Cortex A55
GPU	Arm Mali-G57 MC2

RAM & Storage

RAM	8GB + 8GB (8GB is the virtual memory expansion, which can be optionally disabled)
Storage	128GB
Max. Expansion Supported	256GB

Rear Camera

Rear Camera Numbers	2
Main Rear Camera	Pixel: 50MP Details: Samsung S5KJN1 COMS sensor, 0.64μm, 5 piece lens, FOV 74.26°, f/1.8 large aperture, AF
Macro Lens	Pixel: 2MP Details: GC02M1 COMS sensor, FOV 75°, f/2.6 aperture
Flash	1 LED
Video Recording Resolution	1080P@30fps, 720P@30fps, 480P@30fps
Special Features	Pro mode, Portrait mode, Panorama mode, Slow Motion, Ultra Res mode, Macro mode, Night mode, Time Lapse, Audio Note, Intelligent Scanning

Front Camera

Pixel	8MP
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Details	Sony IMX219 COMS sensor, 1.12µm, 54 piece lens, FOV 77.5°, f/2.0 large aperture, FF
Video Recording Resolution	720P@30fps, 480P@30fps
Special Features	Portrait mode, Audio Note, Night mode
Battery & Charging	
Capacity	4400mAh
Watt Hours Per Battery	16.94 Wh
Battery Type	Li-polymer battery
Charging Details	10W, 5V/2A
Wireless Charge	N/A
Standby Time	277 Hours
Talk Time	24 Hours
Network & Connectivity	
Card Type	Nano-SIM + Nano-SIM/microSD
Cellular	4G/3G/2G
Band Details	5G: N/A
	4G: LTE-FDD: B1/2/3/4/5/7/8/12/17/19/20/28A/28B/66 LTE-TDD: B34/38/39/40/41
	3G: WCDMA: B1/2/4/5/8
	2G: GSM: B2/3/5/8
Standby Mode	Dual SIM dual standby
VoNR	N/A
VoLTE	Hardware support, whether you can use VoLTE depends on the local carriers, because not all of the local carriers can support this function.
WiFi	2.4G/5G, 802.11 a/ac/b/g/n
Bluetooth Version	BT5.0
Navigation	GPS + Glonass + BeiDou + Galileo
Audio	
Speaker Numbers	1
Speaker Model	AAC1216
Speaker Power	/
Smart PA	AW8737S
Special Features	N/A
Security	
Fingerprint ID	Side-Mounted Fingerprint
Face Unlock	Support
System & Features	
Android Version	Android 13
Pre-installed APP	Android Accessibility Suite, Android Auto, Android System WebView, Assistant, Calculator, Calendar, Camera, Carrier Services, Chrome, Clock, Contacts, Data Restore Tool, Digital Wellbeing, Drive, Files by Google, FM Radio, Gboard, Gmail, Google, Google Play services, Google Play Store, Google TV, Keep Notes, Maps, Meet, Messages, Personal Safety, Phone, Photos, Private Computer Services, Quickstep, Service Center, Settings, SIM Toolkit, Sound Recorder, Speech Services by Google, Toolbox, Wireless Emergency Alert, Wireless Emergency Alerts, YouTube, YouTube Music
Language	Indonesian, Malay, Catalan, Czech, Danish, German, Estonian, English, Spanish, Filipino, French, Croatian, Italian, Latvian, Lithuanian, Hungarian, Dutch, Norwegian, Polish, Portuguese, Slovak, Finnish, Swedish, Vietnamese, Greek, Turkish, Bulgarian, Russian, Serb, Ukrainian, Armenian, Hebrew, Urdu, Arabic, Persian, Hindi, Bengali, Thai, Korean, Burmese, Japanese, Simplified Chinese, Traditional Chinese and others, 200 Android languages in total.
Blinking Notification Light	N/A
Battery Status Light	N/A
Audio Format Supported	MP3/AMR/AAC/FLAC
Video Format Supported	3GP/MP4
Image Format Supported	BMP/GIF/JPG/PNG
Text Format Supported	TXT
FM Radio	Support
Cell Broadcast	Support
Sensor	Proximity sensor, Light sensor, Gravity sensor, Acceleration sensor, Geomagnetic sensor
Special Features	
Underwater Camera	N/A

Gloves Mode	N/A
Digital Toolbox	Support
OTG Function	Support
NFC	N/A
Packing List	<p>1x Phone</p> <p>1x AC Power Charger (100~240V/EU Plug)</p> <p>1x USB-A to USB-C 2.0 Charger Cable (1m)</p> <p>1x Protective Film (Pre-installed)</p> <p>1x TPU Protective Case</p>
Product Certification	CE, FCC, IC, WEEE, ROHS.TAC, UN38.3, MSDS, IEC62133