



JSN-L21 Smartphone Product Description

Issue 01
Date 2018-08-01

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Change Record

Version	SE	Modify Content	Released Data
01	sangzhao 00281253	First released	2018.7.10

1 Product Overview

1.1 Introduction

JSN-L21 is a smart phone developed by HUAWEI. It is based on Google Operating System. It gives you an excellent browsing experience with the Operating System from Google™, all in a thin touch phone.

1.2 Appearance

TBD

2 Hardware specification

Item	Description
Appearance	
Shape	Bar-type
Color	White,Black, Blue, Red, Ultra Violet
Size	160.4 mm (H)*76.6 mm (W)*7.8 mm (D) Note: The actual dimensions may vary depending on the configuration, manufacturing process, and measurement method.
Weight	Approx. 175g (including the battery) Note: The actual weight may vary depending on the configuration, manufacturing process, and measurement method.
Battery Type	Lithium polymer
Display	
LCD	<ul style="list-style-type: none">• Screen size: 6.5 inches• Screen type: LTPS• Screen colors: 16.7M• Screen resolution: 2340 x 1080• Screen PPI: 397
Touch-sensitive screen	Touch-sensitive screen. Support multi-touch technology
Network	
Network standard	LTE FDD/WCDMA/GSM
Frequency band	4G LTE FDD: B1/3/7/8/20 3G UMTS: B1/8 2G GSM: B2/3/8

Item	Description
Maximum transmit power	4G LTE FDD <ul style="list-style-type: none"> • LTE FDD B1: 21–25 dBm(Power Class 3) • LTE FDD B3: 19.5–25 dBm(Power Class 3) • LTE FDD B7: 19.5–25 dBm(Power Class 3) • LTE FDD B8: 19.5–25 dBm(Power Class 3) • LTE FDD B20: 21–25 dBm (Power Class 3) 3G WCDMA <ul style="list-style-type: none"> • WCDMA B1: +24 dBm(Power Class 3) • WCDMA B8: +24 dBm(Power Class 3) 2G GSM <ul style="list-style-type: none"> • GSM B2: +30 dBm(Power Class 1) • GSM B3: +30 dBm(Power Class 1) • GSM B8: +33 dBm(Power Class 4)
Static sensitivity	4G LTE FDD <ul style="list-style-type: none"> • LTE FDD B1: better than –100 dBm/5 MHz • LTE FDD B3: better than –101.7 dBm/1.4 MHz • LTE FDD B7: better than –98 dBm/5 MHz • LTE FDD B8: better than –102.2 dBm/1.4 MHz • LTE FDD B20: better than –97 dBm/3 MHz 3G WCDMA <ul style="list-style-type: none"> • WCDMA B1: better than –106.7 dBm/3.84 MHz • WCDMA B8: better than –103.7 dBm/3.84 MHz 2G GSM <ul style="list-style-type: none"> • GSM B2: better than –102 dBm/200 kHz • GSM B3: better than –102 dBm/200 kHz • GSM B8: better than –102 dBm/200 kHz
Network rate	4G LTE FDD <ul style="list-style-type: none"> • 150 Mbit/s(DL), 50 Mbit/s(UL) 3G WCDMA (HSDPA/ HSUPA) <ul style="list-style-type: none"> • 42 Mbit/s(DL), 5.76Mbit/s(UL) 2G GPRS/EDGE <ul style="list-style-type: none"> • 296Kbit/s(DL), 236.8Kbit/s(UL) Note: The data is the testing results in the laboratory and is for reference only
CA	Not supported
MIMO	Not supported

Item	Description
QAM	64 QAM (DL), 16 QAM (UL)
Storage	
Memory	<ul style="list-style-type: none"> • ROM: 128GB • RAM: 4GB Note: The available internal storage may be smaller as part of the internal storage is occupied by software.
External memory support	<ul style="list-style-type: none"> • Type: microSD • Max Capacity: 256GB Note: microSD card is non-standard configuration
System	
Processor	AP model: Kirin 710 AP Core Number: Octa-Core AP Frequency: 4xCortex-A73 2.2 GHz + 4xCortex-A53 1.7 GHz
Device control	Power key; Volume up button; Volume down button; rear fingerprint scanner
External interface	<ul style="list-style-type: none"> • Headset type: 3.5mm • Headset line sequence: LRGGM • Data interface: MicroUSB
SIM card interface	Card slot 1: nano-SIM card Card slot 2: nano-SIM card Card slot 3: microSD card
Transmission function	
GPS	<ul style="list-style-type: none"> • GPS • GLONASS • BeiDou Navigation System • AGPS
WLAN	802.11a/b/g/n/ac, 2.4G/5G
USB	USB 2.0
Bluetooth	BT4.2+BLE
NFC	supported
Sensors	<ul style="list-style-type: none"> • Fingerprint sensor • Proximity sensor • Ambient light sensor • Digital compass

Item	Description
	<ul style="list-style-type: none"> • Gravity sensor • gyroscope
Others	
Camera	<ul style="list-style-type: none"> • Front camera: 16M,F/2.0 aperture • Rear camera: 20M+2M, F/1.8 + F/2.4 aperture
FM	Support
Battery	<ul style="list-style-type: none"> • Capability: 3650(Minimum value), 3750mAh(Typical value) • Theoretical Charging Time: approx. 150 mins (Note: Laboratory data is generated by charging using the standard charger with the screen off. The actual charging time may vary depending on usage.) • Theoretical 3G talk time: up to 21 hours (Note: The data is derived from laboratory testing. The actual talk time may vary depending on the local network and usage habits.) • Theoretical Standby Time: LTE FDD: 675 hours, WCDMA: 639 hours, GSM: 662 hours (Note: The data is derived from laboratory testing. The actual standby time may vary depending on the local network and usage habits.)
Power supply	<ul style="list-style-type: none"> • Input: 100V-240V, 0.5A • Output: 5V, 2A
Temperature	<ul style="list-style-type: none"> • Operating temperature: 0°C — 35°C • Warehouse temperature: -20°C — +45°C
Relative humidity	5%-95%
Certification	CE, Wi-Fi,BQB, WEEE, ROHS,REACH

3 Software specifications

Item	Description
System	
Operating system	AndroidO+EMUI8.2
Home screen	EMUI 8.2
Browser	Android native browser
Input method	TBD
4G Voice resolution	<ul style="list-style-type: none">• VoLTE• CSFB
Entertainment	
Messaging	<ul style="list-style-type: none">• SMS• MMS
Email	Support(POP3/IMAP/Exchange)
Sound effect	Noise reduction: Dual-microphone noise reduction
Google mobile suite	Availability of Google applications, services, and features may vary according to your country or carrier.
Shooting function	
Camera & Video resolution	<ul style="list-style-type: none">• Front camera: 16M,F/2.0 aperture• Photo: 4608*3456 pixels• Video: up to 1080p 30fps• Rear camera: 20M+2M, F/1.8 + F/2.4 aperture• Photo: 5120*3840 pixels• Video: up to 1080p 30fps
Shooting mode	Dependent on software
Focus mode	<ul style="list-style-type: none">• Front camera: FF

Item	Description
	<ul style="list-style-type: none">• Rear camera: AF, PDAF
Other function	<ul style="list-style-type: none">• Front camera: NA• Rear camera: PDAF
Flash	<ul style="list-style-type: none">• Front camera: NA• Rear camera: single color temperature
Others	
Transmission function	<ul style="list-style-type: none">• Wi-Fi hotspot• Wi-Fi Direct• Bluetooth
Software update	<ul style="list-style-type: none">• Huawei OTA online update
USB function	<ul style="list-style-type: none">• USB OTG• USB tethering• Charging

4 Packing List

Index	Item	Count	Description
1	Handset	1	Standard
2	Charger	1	Standard
3	USB cable	1	Standard
4	Headset	1	Dependent on market
5	Quick Start Guide	1	Standard
6	Warranty Card	1	Dependent on market
7	Eject tool	1	Standard
8	TPU Protective case	1	Standard