android enterprise recommended

PLUS 7 II PRO
MOBILE COMPUTER

PLUS

1D & 2D	Android 11	AER	Duo Near & Far	IP65	Megapixel	GMS	Laser aimer	4.0" screen	Touchscreen	USB-C	5100 mAh

Micro SD	Camera	1.8M drop	4G	Bluetooth 5.0	WIFI Dual Band	NFC	GPS	GPRS	Acuscan (SR only)
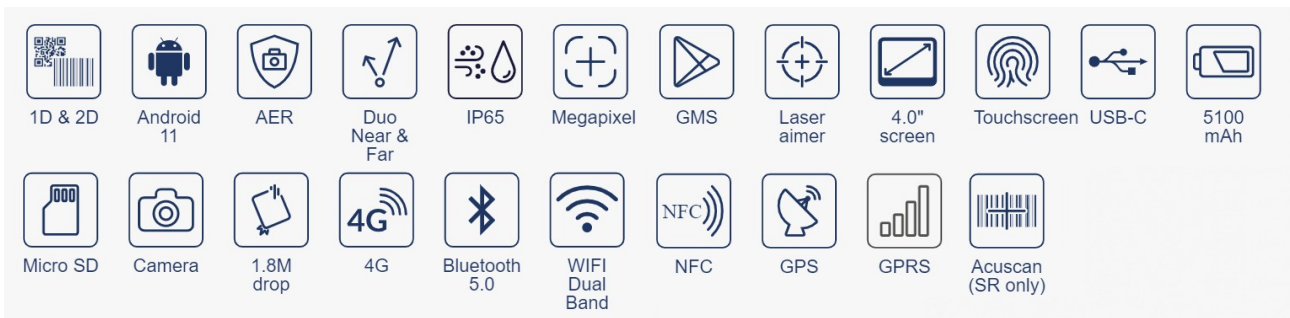
Business-Class Durability

Built to withstand dusty environments and inevitable bumps and drops, the PLUS 7 II PRO offers an IP65 rating and has been drop-tested up to 1.8m, ensuring a long lifetime in harsh environments.

The Keys to Unlocking Applications

The PLUS 7 II PRO is designed lo allow tailoring to many different applications for which a physical keyboard is stili preferred. lt offers the flexibility to choose between a 29, 38 and 47 keypad option (not including side scan buttons). Each of the three configurations are back-lit for high visibility in dark work environments.

Megapixel Barcode Scanning - Duo Near & Far*

The PLUS 7 II PRO is available with advanced Duo Near & Far scanning technology. Newland's Duo Near & Far combines two 2D scan engines working side by side to select and decede barcodes at both near and far distances. By using two separate scan engines, the PLUS 7 II PRO can seamlessly switch between them based on the distance of the barcode, resulting in faster scanning and improved productivity.

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*also avalable as standard range only model

Rugged Touchscreen Mobile

The 4" HD screen has high transparency and low reflectivity to give crystal clear images, even in sunlight. The touchscreen responds when wearing gloves and maintains sensitivity even when wet. For added protection, Gorilla Glass 3 makes the PLUS 7 II PRO tougher and more damage resistant, making the device the perfect companion in rough environments.

Reliable Ali-day Use with Hot-Swappable Battery

The PLUS 7 II PRO supports fast charging with its 5100mAh hot-swappable battery. This keeps your program running and your WiFi connected, even when taking the battery fully out lo exchange it with a new one. The single cradle is designed to link to up to 3 additional cradles (4 in total), to limit the number of power outlets needed to charge units.

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The PLUS 7 II PRO carries Google's AER seal of approvai, signaling it keeps pace with performance and security upgrades to its operating system and core functionality. This label, in combination with Newland's free MDM Ndevor, enables clients to maintain secure visibility and contrai aver their devices regardless of location.

Suggested industries

| Warehousing | Logistics | Manufacturing | Industrial | Transportation |

PLUS 7 II PRO - Specifications

Data Capture

2D	All major 2D symbologies
Image Sensor	1280x800 CMOS
Aiming	Laser diode
Illumination	White LED (625±10nm)
Scan Modes	Trigger Mode, Sense Mode
Scan Rate	60 frames per second
Depth of Field EAN 13 (13mil)	SR: 40-480mm; Duo Near & Far: 20-180cm
Depth of Field Code 39 (5mil)	SR: 80-350mm
Depth of Field Code 39 (10mil)	SR: 50-575mm; Duo Near & Far: 20-140cm
Depth of Field Code 39 (55mil)	Duo Near & Far: 40-430cm
Depth of Field Code 39 (100mil)	Duo Near & Far: 50-600cm
Depth of Field Code 128 (3mil)	SR: 100-180mm
Depth of Field Code 128 (10mil)	SR: 60-480mm
Depth of Field Code128 (15mil)	Duo Near & Far: 75-2600mm
Depth of Field Code128 (100mil)	Duo Near & Far: 440-9800mm
Depth of Field PDF417 (10mil)	SR: 60-320mm
Depth of Field DataMatrix (10mil)	Duo Near & Far: 105-310mm
Depth of Field DataMatrix (15mil)	SR: 55-355mm
Depth of Field DataMatrix (55mil)	Duo Near & Far: 190-3900mm
Depth of Field QR (10mil)	Duo Near & Far: 110-250mm
Depth of Field QR (15mil)	SR: 50-400mm
Depth of Field QR (55mil)	Duo Near & Far: 195-3700mm

Performance

Operating System	Android 11 - GMS, Android Enterprise Recommended (AER)
Processor	2 GHz Octa-Core Processor
Memory RAM	4GB
Memory Flash	64GB
Memory Storage Expansion (max.)	Micro SD/TF card (max. 128 GB)

Physical

Battery Type	3.8V, 5100 mAh, removable
Buttons	Two scan buttons (left/right), three touch navigation keys
Camera	13 Megapixels, PDAF, with LED flashlight
Dimensions (mm)	200(H) x 70(W) x 29(0) mm (pistol grip 58mm)
Display	4.0" WVGA I PS screen with Gorilla Glass, resolution 480x800, supports input with gloves
Expansion Slot	MicroSD card (max. 128GB)
Expected Battery Life	Scanning:> 15 hours of continuous operations; standby: 500 hours

Interfaces	Quick charging (QC) 3.0, Type-C port, 9V/2A
Keypad	29, 38 or 47 physical buttons, white backlight function
Notifications	Vibrator, speaker, and mulit-color LED
Power Supply Input	AC 100~240V, 50~60Hz
Power Supply Output	Type-C 5V/3A,9V/2A,12V/1.5A
Sensors	Gravity Sensor, Hall Switch
SIM (4G configurations only)	Nano+Nano or Nano+TF
Weight	360g (including battery)

Wireless

WWAN Radio (4G configurations only)	2G: GSM: 850/900/1800/1900MHz; 3G: WCDMA: B1/B2/B5/B7/B8/ B20/B28a&b, CDMA lx/EVDO: BCO; 4G: FDD-LTE: B1/B2/B3/B5/B7/B8/B20/B28a&b, TDD-LTE: B38/B39/B40/B41 (100M)
WLAN RADIO	802.11 a/b/g/n/ac, compatible with 11 d/h/i/k/r/v/w, support 2.4G and 5G dual frequency; Roaming: Super Fast Roaming
WPAN RADIO	Dual mode, Bluetooth 5.0+LE (backward compatible)
RFID (not supported with pistol grip configuration)	NFC: 13.56MHz IS014443A/B, MI FARE, Felica, NFC Forum Tags
GPS (4G configurations only)	Beidou, Galileo, GLONASS, GPS (AGPS)

Environmental

Operating Temperature	-20°C to 55°C
Storage Temperature	-40°C to 70°C
Humidity	5% to 95% (non-condensing)
Electro Static Discharge (ESD)	±8 KV (direct discharge); ±15 KV (air discharge)
Drop	1.8m
IP Rating	IP65

Accessories

Standard	Hand strap, USB cable, battery and multi-plug adapter (supports fast charging)
Optional	Single cradle, pistol Grip, 4-slot battery charger, screen protection film

Software

MDM (certified)	SOTI, Airwatch ~ E2K MDM
Terminal Emulation (compatible)	StayLinked, Ivanti Velocity

Certifications

Hardware	CE-RED, FCC, BIS, RoHS2.0, REACH, AER, SOTI, UN38.3, IEC62471; Laser Safety: IEC60825