Android Mobile Computers

	EA520	EA630+	PA760	HT730	HT330	WD200
OS	Android 11	Android 11	Android 10	Android 10	Android 12	Android 10
CPU	2GHz Octa-Core	2GHz Qualcomm® Snapdragon™ 662 Octa-Core 64-bit	2.2GHz Qualcomm Snapdragon™ 660 Octa-Core 64 bit	2.3GHz Qualcomm 720G (SM7125) Octa-Core	2 GHz Octa-Core	2.2 GHz Qualcomm Snapdragon™ 660 Octa-Core, 64bits
Display	5in TFT LCD HD Gorilla® Glass 3 (720x1280) Color Screen	Capacitive type 5 point multi-touch 6in Gorilla® Glass 6 18:9 Full HD (2160x1080) 450nits Backlight	5.45in Gorilla Glass III TouchScreen	4in TFT-LCD WVGA (480x800) Capacitive Touch Screen Compatible with Gloves, Wet Hands	4in WVGA (800x480) 450nits Backlight Compatible with Gloves, Wet Hands	3.1in TFT-LCD (800x480) 450nits Backlight Compatible with Gloves, Wet Hands
Memory	4GB RAM / 64GB Flash	4GB RAM / 64GB Flash	4GB RAM / 64GB Flash	4GB RAM / 64GB Flash	3GB RAM / 32GB Flash	3 GB RAM / 32 GB Flash
Wireless Communication	Bluetooth® 5 WLAN 2.4G and 5GHz WWAN 4G LTE GPS	Bluetooth® 5 WLAN 2.4GHz and 5GHz WWAN GPS	Bluetooth® 5 WLAN 2.4GHz WWAN 4G LTE and Dual SIM GPS	Bluetooth® 5 WLAN 2.4GHz WWAN 4G LTE and Dual SIM GPS	Bluetooth® 5 WLAN 2.4GHz and 5GHz WWAN 4G LTE and Dual SIM GPS	Bluetooth® 5 WLAN IPv4, IPv6 WWAN 4G LTE
Expansion	Micro SD up to 256GB	Micro SD up to 256GB	Micro SD up to 128GB	Micro SD up to 256GB	Micro SD up to 256GB	Nano SIM Slot
Scanner	1D / 2D Imager	1D / 2D Imager	1D CCD / 2D Imager	1D / 2D Imager	1D / 2D Imager	–
RFID	HF / NFC	HF / NFC	NFC	HF / NFC	HF / NFC and UHF optional	HF / NFC
Keypad	–	–	–	28- or 32-key with backlight + Touchscreen	32-key with backlight + Touchscreen	Touchscreen
Gun Grip Option	Gun Grip and Wrist Mount	Standard or RFID Gun Grip	Standard or RFID Gun Grip	Standard or RFID Gun Grip	Standard Gun Grip	–
Battery	3.8V 4100mAh Li-ion battery Removable	3.85V 4000mAh Li-ion battery	3.7V Li-Ion 4000mAh	3.7V 6700mAH 1-Minute Hot Swap	3.85V Li-Ion 5200mAh Removable	3.85V Li-Polymer 2050mAh (Embedded)
IP Rating	IP67	IP65	IP67	IP67	IP67	IP67
Dimensions	6in H x 3in W x 0.5in D	6.1in H x 3in W x 0.5in D	6.4in H x 2.9in W x 0.6in D	7.6in H x 2.8in W x 1.3in D	7in H x 2.7in W x 0.9in D	3.8in H x 2.3in W x 0.5 D
Weight	8.5 oz.	8.11 oz.	10.5 oz.	13.9 oz.	10 oz.	3.8 oz.
Drop Spec.	5ft	5ft	6ft	6ft	5ft	5ft
Cradles	USB	USB, Ethernet, Single Slot and 4-Slot	USB, Ethernet, Single Slot and 4-Slot	USB, Ethernet, Single Slot and 4-Slot	Single Slot USB	USB, 4 Bay

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*The Unitech Protection Plus Warranty Program covers all system devices for a minimum of one year and all cables and batteries for 90 days. Additional prepaid services, such as Extended and Comprehensive Warranty offer coverage for an additional one or two year term.

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Long Range Android Mobile Computer + Gun Grips

	HT730 Long-Range	PA760 Long Range Gun Grip
OS	Android 10	Android 10
CPU	2.3GHz Qualcomm 720G (SM7125) Octa-Core	2.2GHz Qualcomm Snapdragon™ 660 Octa-Core 64 bit
Display	4in TFT-LCD WVGA (480x800) Capacitive Touch Screen Compatible with Gloves, Wet Hands	5.45in Gorilla Glass III TouchScreen
Memory	4GB RAM / 64GB Flash	4GB RAM / 64GB Flash
Wireless Communication	Bluetooth® 5 WLAN 2.4GHz WWAN 4G LTE and Dual SIM GPS	Bluetooth® 5 WLAN 2.4GHz WWAN 4G LTE and Dual SIM GPS
Expansion	Micro SD up to 256GB	Micro SD up to 128GB
Scanner	1D / 2D Imager 65ft Scan Range	1D CCD / 2D Imager
RFID	NFC	NFC
Keypad	28- or 32-key with backlight + Touchscreen	–
Gun Grip Optional	Standard or RFID Gun Grip	Standard or RFID Gun Grip
Battery	3.7V 6700mAH 1-Minute Hot Swap	3.7V Li-Ion 4000mAh
IP Rating	IP67	IP67
Dimensions	7.6in H x 2.8in W x 1.3in D	6.4in H x 2.9in W x 0.6in D
Weight	13.9 oz.	10.5 oz.
Drop Spec.	6ft	6ft
Cradles	USB, Ethernet, Single Slot and 4-Slot	USB, Ethernet, Single Slot and 4-Slot

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	RP902	RG630 (EA630+ UHF)	HT730 UHF	RG760 (PA760 UHF)
OS	–	Android 11	Android 10	Android 10
CPU	–	2GHz Qualcomm® Snapdragon™ 662 Octa-Core 64-bit	2.3GHz Qualcomm 720G (SM7125) Octa-Core	2.2GHz Qualcomm Snapdragon™ 660 Octa-Core 64 bit
Display	0.96in	Capacitive type 5 point multi-touch 6in Gorilla® Glass 6 18:9 Full HD (2160x1080) 450nits Backlight	4in TFT-LCD WVGA (480x800) Capacitive Touch Screen Compatible with Gloves, Wet Hands	5.45in Gorilla Glass III TouchScreen
Memory	–	4GB RAM / 64GB Flash	4GB RAM / 64GB Flash	4GB RAM / 64GB Flash
Wireless Communication	Bluetooth® 5	Bluetooth® 5 WLAN 2.4GHz and 5GHz WWAN GPS	Bluetooth® 5 WLAN 2.4GHz WWAN 4G LTE and Dual SIM GPS	Bluetooth® 5 WLAN 2.4GHz WWAN 4G LTE and Dual SIM GPS
Expansion	–	Micro SD up to 256GB	Micro SD up to 256GB	Micro SD up to 128GB
Scan Performance	Read Distance: 6.5ft 27dBm RF Power (Adjustable)	Read Distance: 26ft (Circular Antenna) Tag Read Rate: 750 tags/sec	Read Distance: 50ft (Circular Antenna) Tag Read Rate: 750 tags/sec	Read Distance: 20ft (Circular Antenna) Tag Read Rate: 750 tags/sec
RFID	UHF Linearly Polarized Antenna	UHF / NFC RFID Engine : M6e-Micro (RAIN RFID supported)	UHF / NFC RFID Chip: IMPINJ R2000	UHF / NFC RFID Engine : M6e-Micro (RAIN RFID supported)
Keypad	3 Buttons: Trigger, Function, Select	Trigger	28- or 32-key with backlight + Touchscreen, Trigger	Trigger
Gun Grip Optional	–	Yes	Yes	Yes
Battery	3.7V Li-Ion 1100mAh (Changeable)	3.85V 4000mAh Li-ion battery	3.7V 6700mAH 1-Minute Hot Swap	3.7V Li-Ion 4000mAh
IP Rating	IP65	IP52	IP65	IP52
Dimensions	4.3in H x 2in W x 1.1in D	6in H x 3in W x 6in D	8in H x 3.2in W x 6.5in D	5.7in H x 2.9in W x 6.2in D
Weight	3.7 oz.	9.7 oz. (without terminal)	26.5 oz.	9.5 oz. (without terminal)
Drop Spec.	4ft	4ft	6ft	6ft
Cradles	Single Slot Charging with Spare Battery Slot	USB, Ethernet, Single Slot and 4-Slot	USB, Ethernet, Single Slot and 4-Slot	USB, Ethernet, Single Slot and 4-Slot

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Rugged Tablets

	TB85+	TB110	TB162
OS	Android 10	Windows 10 IOT	Windows 10
CPU	2.2 GHz Qualcomm MSM8953 PRO Octa-Core	1.92GHz Quad-Core	2.4 GHz Quad-Core
Display	8" 1280 x 800 LCD Display 450nits Brightness	10.1" 1280 x 800	10.1" 1900 x 1200 pixels
Memory	4GB RAM / 64 GB Flash MicroSD slot	4GB RAM / 64GB Flash	128 GB ROM / 8 GB RAM
Frequency	13.56MHz	–	13.56MHz
Reading Distance	Contact	Contact	
Tag Support	ISO14443A/B, ISO15693 standard	–	ISO14443A/B, ISO15693 standard
Other Data Collection	1D or 2D Imager (Optional), Camera, MSR Reader	1D or 2D Imager, Camera	1D or 2D Imager, Camera
Wireless Communication	Bluetooth® 4.2 + BR/EDR + BLE WLAN WWAN LTE GPS	Bluetooth® WLAN	Bluetooth® WLAN WWAN GPS
Keypad	8-key (2 customizable) + Touchscreen	Touchscreen	Touchscreen
Battery	Li-Ion 8200 mAh (changeable)	Li-Ion 9000 mAh	Li-Ion 10800 mAh
IP Rating	IP67	IP67	IP65
Dimensions	9.5in x 5.9in x 0.7in	10.5in x 7.2in x 0.52in	11.1in x 7.6in x 0.8in
Weight	22 oz.	27.5 oz.	42 oz.
Drop Spec.	4ft	4ft	5ft
Warranty	1-year	1-year	1-year

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Wireless Barcode Scanners

	MS650 & MS652+	MS912+	MS916 & MS926	MS926P	MS925HC	MS340B	MS851B / MS852B	MS840P / MS842P
Scanner	1D CCD / 2D CMOS	1D CCD	1D Laser / 2D Imager	1D Laser / 2D Imager	1D Laser / 2D Imager	1D CCD	1D Laser / 2D Imager	2D Imager
Light Source	Red Laser - Enhanced White LED / 1 Hyper Red 660nm LED	625 nm Visible LED	650 nm Visible LED / 5000K White LED w/ CCT	5000k white LED w/ OOT	3000K CCT white LED	635 nm Visible Red LED	650 nm Visible LED 660 nm Hyper Red	625 nm Visible LED
Wireless Communication	Bluetooth® (Compatible w/ Windows, iOS & Android Devices)	Bluetooth® (Compatible w/ Windows, iOS & Android Devices) *2 MB of Memory	Bluetooth® (Compatible w/ Windows, iOS & Android Devices) *2 MB of Memory	Bluetooth® / Dongle	Bluetooth®	Bluetooth® (Compatible w/ Windows, iOS & Android Devices)	Bluetooth® (Compatible w/ Windows, iOS & Android Devices)	2.4GHz Short-Range Wireless via USB Dongle
Cradle	No / Optional	No	Yes / Optional	Optional	No	Optional	Optional / Yes	Optional
Scan Distance	Up to 7in	Up to 7in	Up to 7in	Up to 7in	–	1.5in – 16in	Up to 19.4in	1.5in – 7.5in
Scan Rate	240 scans/sec	240 scans/sec	104 scans/sec	104 scans/sec 30 scans/sec	60 scans/sec	500 scans/sec	104 scans/sec	60 fps
ESD Protection	–	–	–	–	–	–	–	Yes
Operation Mode	Trigger, Continuous	Trigger, Continuous	Trigger, Continuous, or Presentation	Trigger, Continuous, or Presentation	Trigger, Presentation	Trigger, Continuous	Trigger, Continuous	Trigger, Presentation
Operation Temperature	32°F to 122°F	32°F to 122°F	32°F to 122°F	32°F to 122°F	14°F to 122°F	32°F to 122°F	32°F to 122°F	15°F to 122°F
Storage Temperature	-4°F to 149°F / -4°F to 140°F	-4°F to 158°F	-4°F to 140°F	-4°F to 140°F	-4° F to 140°F	-4°F to 158°F	-4°F to 140°F	-4°F to 140°F
Drop Spec.	5ft	5ft	5ft	5ft	5ft	5ft	6.8ft	6ft
Dimensions	1.8in H x 1.1in W x 1.1in D / 1.9in H x 2.8in W x 08in D	2.8in H x 1.2in W x 0.8in D	3.8in H x 1.5in W x 0.8in D	3.8in H x 1.5in W x 0.8in D	1.08in H x 2.6in W x .63in D	2.8in H x 2.8in W x 6.5in D	4.7in H x 3.4in W x 3.3in D	6.9in H x 2.9in W x 3.5in D
Interface	USB	USB	USB	USB	USB	USB	USB	USB
Weight	0.5 oz. / 3.4 oz.	1.1 oz.	2.2 oz.	2.2 oz.	1.04 oz.	6.1 oz.	7.5 oz.	7.3 oz.
Warranty	1-year	1-year	1-year	1-year	1-year	1-year	1-year	1-year

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Wireless Barcode Scanners

	MS622	MS836B	MS838B	MS851B	MS852B+	MS852BLR
Scanner	2D CMOS Sensor 640 x 480px	1D Laser	1D Laser / 2D Imager CMOS Sensor, 640 x 480px	1D Laser	2D Laser 1280 X 800 global shutter	2D Laser 1280 X 800 global shutter
Light Source	White LED Red LED 625nm	650 nm LED	Color temperature 3500 k 25nm LED	650 nm visible laser diode	White LED	White LED
Wireless Communication	Wired USB-C	Bluetooth® 2.4G USB Dongle *16 MB of Memory	Bluetooth® 2.4G USB Dongle *16 MB of Memory	Bluetooth®	Bluetooth®	Bluetooth®
Cradle	–	Hands-Free Stand	Hands-Free Stand	Yes / Optional	Yes / Optional	Yes / Optional
Scan Distance	Up to 7in	Up to 7in	Up to 7in	Up to 7in	Up to 7in	Up to 68ft
Scan Rate	60 frames/sec	300 scans/sec	60 frames/sec	Up to 104 scans/sec	–	–
ESD Protection	–	–	–	ESD Models Available	ESD Models Available	ESD Models Available
Operation Mode	Trigger Left and Right handed	Trigger or Automatic	Trigger, Presentation, or Buffer	Trigger, Pulse, Flash, Continuous	Trigger, Presentation, or Buffer	Trigger, Presentation, or Buffer
Operation Temperature	4°F to 131°F	14°F to 122°F	14°F to 122°F	14°F to 122°F	14°F to 122°F	14°F to 122°F
Storage Temperature	-40°F to 158°F	-4°F to 140°F	-4°F to 140°F	-40°F to 158°F	-40°F to 158°F	-40°F to 158°F
Drop Spec.	5ft	5ft	5ft	6.8ft	6.8ft	6.8ft
Dimensions	1.08in H x 1.82in W x 1.05in D	6.8in H x 2.8in W x 3.7in D	6.8in H x 2.8in W x 3.7in D	3.4in H x 2.8in W x 6.9in D	4.7in H x 3.4in W x 3.3in D	4.7in H x 3.4in W x 3.3in D
Interface	USB-C	USB	USB	USB	USB, RS232	USB, RS232
Weight	0.5 oz. (without cable)	7.6 oz.	7.1 oz.	7.5 oz.	7.5 oz	7.5 oz
Warranty	1-year	1-year	1-year	1-year	1-year	1-year

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Corded Barcode Scanners

	AS10	MS250	MS282E	MS340	MS836	MS838
Scanner	1D CCD	1D CCD	1D CCD / 2D Imager	1D CCD	1D Laser	1D Laser / 2D Imager
Light Source	632 nm LED	632 nm LED	625 nm LED / Hyper Red 660 nm	635 nm LED	650 nm LED	Red LED / White LED
Scan Distance	Contact	Contact - 3.54in	1.2in - 11.4in	Contact - 15in	Up to 8in	Up to 8in
Scan Rate	100 scans/sec	200 scans/sec	30 frames/sec	500 scans/sec	100 scans/sec	60 frames/sec
ESD Protection	–	–	–	–	–	–
Operation Mode	Trigger	Trigger, Continuous	Trigger, Presentation	Trigger, Presentation	Trigger, Presentation	Trigger, Presentation
Operation Temperature	32° to 122°F	32°F to 122°F	32°F to 122°F	32°F to 122°F	32°F to 113°C	14°F to 122°F
Storage Temperature	-4° to 158°F	-4°F to 158°F	-22°F to 158°F	-4°F to 158°F	-4°F to 140°C	-4°F to 140°F
Drop Spec.	4ft	5ft	5ft	5ft	5ft	5ft
Dimensions	7in H x 2.5in W x 3.2in D	6.4in H x 2.46in W x 3.11in D	7.07in H x 1.87in W x 2.01in D	2.8in H x 2.8in W x 6.5in D	6.2in H x 2.7in W x 3.7in D	6.8in H x 2.8in W x 3.7in D
Interface	Keyboard Wedge, USB	Keyboard Wedge, RS232, USB	USB	Keyboard Wedge, RS232, USB	USB	USB / RS232
Weight	4.2 oz.	2.9 oz.	4.5 oz.	6 oz.	5.3 oz.	5.5 oz.
Warranty	1-year	3-year	3-year	5-year	1-year	1-year

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Corded Barcode Scanners

	MS851	MS852	MS852+	MS852+ LR
Scanner	1D Laser	2D Imager	2D Imager	1D CCD / 2D Imager
Light Source	650 nm LED	660nm Hyper red	660nm Hyper red	660nm Hyper red
Scan Distance	Up to 18in	Up to 19.4in	Up to 19in	Up to 820in
Scan Rate	104 scans/sec	–	–	–
ESD Protection	Yes	–	Yes	–
Operation Mode	Trigger, Continuous	Trigger, Auto sensing, Presentation	Trigger, Presentation, Auto sensing	Trigger, Presentation
Operation Temperature	14°F to 122°F	14°F to 122°F	14°F to 122°F	14°F to 122°F
Storage Temperature	-40°F to 158°F	-40°F to +158°F	-40°F to 158°F	-40°F to 158°F
Drop Spec.	6.8ft	6.8ft	6.8ft	7.8ft
Dimensions	6.9in H x 2.8in W x 3.4in D	6.9in H x 2.8in W x 3.4in D	6.9in H x 2.8in W x 3.4in D	6.9in H x 2.8in W x 3.4in D
Interface	USB	USB	USB	USB
Weight	5.1 oz.	5.1 oz.	5.8 oz.	6.4 oz.
Warranty	1-year	1-year	5-year	1-year

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Pen & Slot Scanners

Corded Barcode Scanners

Magnetic Strip Readers

	MS100	MS120	MS146
Reader	1D	1D	1D Visible Light or Infrared Beam
Light Source	650 - 660 nm Red LED	660 nm Red LED	660 nm Visible LED (MS146) 930 nm Infrared LED (MS146I)
Scan Distance	Contact	Contact	Contact
Scan Rate	4in - 24in Per Second	2in - 78in Per Second	2in - 30in Per Second
Operation Mode	Manual	Manual	Manual
Operation Temperature	32°F to 122°F	32°F to 131°F	32° to 122°F
Storage Temperature	-4°F to 140°F	4°F to 158°F	-4° to 140°F
Drop Spec.	5ft	5ft	5ft
Dimensions	5.5in L x 1.2in D	5.8in L x .52in D	3.7in H x 1.3in W x 1.8in D
Interface	TTL, Keyboard Wedge, RS232, USB	TTL, Keyboard Wedge, RS232, AT	TTL, Keyboard Wedge, RS232, USB, AT
Weight	2.7 oz.	2.1 oz.	6.7 oz.
Warranty	2-years	1-year	2-years

	MS246	MSR120
Magnetic Head Life	1 million passes	1 million passes
Magnetic Stripe Formats	ISO 7811, AAMVA	ISO 7811, AAMVA, & CA DMV
Swipe Speed	5 - 50in bi-directional	3in - 55in bi-directional
Card Thickness	.015in - 045in	0.010in - 0.050in
Slot Width	0.50in	0.50in
Indicators	Tri-colored LED, beeper	Tri-colored LED, beeper
Operation Temperature	32°F to 131°F	32°F to 131°F
Storage Temperature	-22°F to 158°F	-22°F to 158°F
Interface	USB	USB

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Presentation Scanners

Barcode Scanners

	FC75	FC77	TS100
Scanner	2D Imager	1D Imager / 2D Imager	2D Imager
Light Source	625 nm LED	625 nm LED	650 nm LED
Scan Distance	2in - 7.7in	Contact - 3.54in	Contact - 1.5in
Scan Rate	120 scans/sec	120 secs/sec	–
Operation Mode	Continuous	Continuous	Continuous
Operation Temperature	-4° to 144°F	32°F to 104°F	32°F to 122°F
Storage Temperature	-22° to 158°F	-4°F to 140°F	-4°F to 158°F
Drop Spec.	4ft	3ft	–
Dimensions	1.1in H x 2.7in W x 2.2in D	6.4in H x 3.35in W x 3.84in D	4.1in H x 5.7in W x 2.7in D
Interface	USB	USB	USB / RS232
Weight	3 oz.	12.4 oz.	12.1 oz.
Warranty	3-years	3-years	1-year

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