

Product Comparison



SYSTEM SPECIFICATIONS

	RECON	RANGER	NOMAD	YUMA
Operating system	Windows Mobile® 6	Windows Mobile® 5	Windows Mobile® 6	Windows® Vista Business
Processor	400 MHz XScale processor	516 MHz XScale processor	806 MHz Xscale processor	1.6 GHz Intel Atom processor
Memory (RAM)	64 MB	128 MB	128 MB	1 GB DDR2
Data storage	256 MB	512 MB	2 GB	32 GB
Ruggedness	Withstands 1.2 m / 4 ft drop	Withstands 1.2 m / 4 ft drop	Withstands 1.2 m / 4 ft drop	Withstands 1.2 m / 4 ft drop
Environmental	IP67 sealed against dust and accidental immersion in water	IP67 sealed against dust and accidental immersion in water	IP67 sealed against dust and accidental immersion in water	IP67 sealed against dust and accidental immersion in water
Operating temp	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)

PLATFORM SPECIFICATIONS

	RECON	RANGER	NOMAD 800XE	YUMA
Display size (diagonal)	8.9 cm / 3.5"	9.7 cm / 3.8"	8.9 cm / 3.5"	17.8 cm / 7"
Display Orientation	Portrait or Landscape	Landscape	Portrait or Landscape	Portrait or Landscape
Display Resolution	240 x 320 pixels (QVGA)	320 x 240 pixels (QVGA)	480 x 640 pixels (VGA)	1024 x 600 pixels (WSVGA)
Weight (includes battery)	0.49 kg / 1.31 lb	0.95 kg / 2.1 lb	.60 kg/ 1.3 lb	1.18kg / 2.6 lb / standard battery; 1.41 kg / 3.1 lb/ extended battery
Battery life (standard battery, default settings)	12–16 hours	20 hours	15 hours	4 hours (8 hours optional)

USER INTERFACE

	RECON	RANGER	NOMAD 800XE	YUMA
Touch Screen	Yes	Yes	Yes	Yes
Soft input panel (SIP) on screen keyboard	Yes	Yes	Yes	Yes
Transcriber handwriting recognition	Yes	Yes	Yes	Yes
PDA Keypad	Yes	No	Optional	No
Numeric Keypad	No	Yes	Optional	No
Alpha-Numeric Keypad	No	No	No	Optional Peripheral Accessory
Integrated Barcode scanner	No	No	Yes	No
Audio Jack	No	No	Yes	Yes

CONNECTIVITY

	RECON	RANGER	NOMAD 800XE	YUMA
CompactFlash slots	1	1	Optional	0
ExpressCard slot	0	0	0	1
SDIO (Secure Digital) slots	No	1	1	1
USB Client	Yes	Yes	Yes	No
USB Host	No	No	Optional (2)	Yes (2)
RS-232	1	1	Optional	1
Integrated Bluetooth	Optional	Yes	Yes	Yes
Integrated wireless LAN	Optional	Yes	Yes	Yes
Integrated cellular modem	No	No	Optional	Optional Peripheral Accessory
Integrated camera	No	No	Optional	Yes (2)
GPS Accuracy with WAAS/SBAS	No	No	2–5 m	2–5 m
GPS NMEA output	No	No	Yes	Yes