

	Trimble Juno 5	Trimble Geo 7x	Juniper Archer 2	Juniper Allegro 2	Trimble T10	Trimble TSC7	Juniper Mesa 2		Juniper Mesa 3	
Processor	800 Mhz	1.0 GHz OMAP DM3730	1.0GHz ARM Cortex A8 i.MX53	1.0GHz ARM Cortex A8 i.MX53	Intel® 6th Generation Core™ i7 processor	Intel Apollo Lake - N4200, 64-bit quad-core	Quad-core Intel® Atom™ Z3745		Quad-core Intel® Pentium N4200	Qualcomm® Snapdragon™ Octa-core Kryo™ 260
Operation System	Windows Embedded 6.5 or Android 2.3.4	Windows Embedded 6.5	Windows Embedded 6.5.3	Windows Embedded 6.5.3	Windows 10 Enterprise	Windows 10 Pro 64 bit	Windows 10	Android 5.1	Windows 10	Android 9
Memory	512 MB RAM	256 MB RAM	512 MB RAM	512 MB RAM	8 GB RAM	8 GB	4 GB		8GB	6 GB
Non-volatile Storage	8GB	4 GB	8 GB	8 GB	256 GB or 512 GB (4G only)	64 GB	64 or 128 GB		128 or 256 GB	64 GB
Expansion Slot	MicroSD	SD	Micro SD/SDHC	SD/SDHC	USB 3.0	SDXC up to 2 TB	Micro SDXC and USB		USB 3.0	
Size	6.1" x 3.2"	9.2" x 3.9"	7.25" x 3.6"	5.4" x 10.2"	7.7"x11.1"	8.2"x11.9"x2.76"	5.40"x8.48"x1.36"		5.40"x8.48"x1.36"	
Weight	0.84 lbs.	2.38 lbs.	1.3 lbs.	2 lbs.	3.08 lbs.	3.12 lbs	1.5-2 lbs.		1.5-2lbs	
Operating Temp (°F)	-22° to 140°	-4° to 140°	-22° to 140°	-22° to 140°	-4° to 140°	-22° to 140°	-4° to 122°		-4° to 122°	
Ruggedness	IP65	IP65	IP68	IP68	IP65	IP6x	IP68		IP68	
Display (Res.)	480 x 800 Capacitive	480 x 640 Resistive	800 x 480 Capacitive	640 x 480 TFT VGA Capacitive	1920x1200 Capacitive	1280x800 Capacitive	1280x800 Capacitive		1280x800 Capacitive	
Viewing Area	4.3" diagonal	4.2" diagonal	4.3" diagonal	4.2" diagonal	10.1" diagonal	7"	7" diagonal		7" diagonal	
Keyboard	No	No	Numeric	Yes	Optional	Qwerty or ABCD with numeric and Fn keys	No		No	
Battery	11.1 V, 2500 mAh, 27.8 Wh Lithium-ion	Lithium-ion, 11.1V 2.5 AH	Lithium-ion	106000 mAh Lithium-ion	11.4 V, 5400 mAh(standard), 11.4 V, 7980 mAh(enhanced)	2-3100 mAh	39Whr Lithium-Ion		43.2Whr Lithium-ion	
Battery Usage	No GPS 14 hrs; GPS on 8 hrs	10 hours	20 hours	20 hours	12 hours	5 hours	8-10 hours		8-10 hours	
9-pin RS-232 Serial	No	Optional USB adapter	Yes	Yes	No	Yes	Optional		Optional	
Cell Modem	Optional (5D only)	Optional	Optional	Optional	Optional 4G or Cirronet	LTE, 3G	Optional	3G LTE	Optional	4G LTE
Verizon Certified	No	Yes	Yes	No	No	Yes	Yes		No	
Integrated GPS	8 MP with LED flash	5 MP	5 MP (optional)	5 MP	5 MP Rear	2 MP Front/ 8 MP Rear	2 MP Front 8 MP Rear with LED illumination		2 MP Front 8 MP Rear	2 MP Front 16 MP Rear
Optional Integrations	Barcode Scanner	Laser Rangefinder	Barcode Scanner				Barcode Scanner		Barcode Scanner	
Trimble Supported Software	TerraSync, TerraFlex, Positions	TerraSync, TerraFlex, Position			TerraSync, TerraFlex, Positions	TerraSync, TerraFlex, Positions				
Esri Support Software	ArcPad	ArcPad	ArcPad	ArcPad	ArcPad, Collector, Survey123	ArcPad, Collector, Survey123	ArcPad, Collector, Survey123		ArcPad, Collector, Survey123	
Price*	\$1,499-\$2,899	\$7,195-\$14495	\$1,650-\$2,800	\$2,695-\$3,395	\$3,199-\$7,199	\$4800-7300	\$1,599-\$2,749		\$1,999-\$2,755	

	Trimble TDC600	Trimble TDC150	Trimble Nomad 5	Cedar Tree CP3	Cedar Tree CT8	Juniper Archer 3	Juniper Allegro 3
Processor	2.2 GHz Qualcomm Snapdragon™ 626 processor	Qualcomm Snapdragon™ 410	Qualcomm Snapdragon™ 820	Qualcomm Snapdragon 653 Octa-core	Qualcomm MSM8953 8-core 2.2Ghz Snapdragon 626	1.2GHz quad-core ARM Cortex A9 i.MX6	1.2GHz ARM Cortex A9 i.MX6
Operation System	Android® 8	Android 6.0	Android 8.1	Android 7.1.2	Android 8.1	Android 7.1	Android 7.1
Memory	4 GB RAM	2 GB	4 GB	6 GB	3 GB	2 GB	2 GB
Non-volatile Storage	64 GB	16 GB	32 GB	64 GB	32 GB	16 GB	16 GB
Expansion Slot	Micro SD	Micro SDHC	MicroSD	MicroSD up to 128 GB	None	Micro SD/SDX	Micro SD/SDX
Size	7.7"x3.6"x0.67"	11.6"x4.7"x1.8"	7.87"x3.76"x1.73"	168.5x83.4x14mm	235x146x13 mm	3.6"x7.25"x1.5"	5.4"x10.2"x1.6"
Weight	13.6 oz	1.87 lbs.	1.54 lbs.	0.55 lbs.	1.2 lbs.	1.3 lbs.	2 lbs.
Operating Temp (°F)	-4° to 131°	-4° to 140°	-22° to 140°	-22° to 140°	-4° to 140°	-22° to 140°	-22° to 140°
Ruggedness	IP67	IP67	IP65 and IP68	IP68	IP67	IP68	IP68
Display (Res.)	1920x1080 Capacitive	1280x720 Capacitive	1280x720 Capacitive	1920x1080 Capacitive	1280x800 Capacitive	800x480	640x480 Capacitive
Viewing Area	6"	5.3"	5"	5.5" Diagonal	8" Diagonal	4.3"	4.2"
Keyboard	No	No	Fn keys	No	No	Numeric	Qwerty with numeric and Fn keys
Battery	Lithium-ion, 8000mAh	Lithium-ion, 6400mAh	Lithium-ion, 3200 mAh	Li-Polymer, 6000 mAh	Li-ion, 8000mAh	Lithium-ion 3.6VDC @ 12000mAh	Lithium-ion 3.6VDC @ 12000mAh
Battery Usage	15 hours	>8 hours	10.5 hours	Standby 480 hours, talking 50 hours?	No Rating	Up to 20 hours	Up to 20 hours
RS-232 Serial	No	No	No	No	No	Yes	Yes
Cell Modem	Yes	Yes	LTE, 3G	4G LTE	4G LTE	No	4G
Verizon Certified	No	No	Yes	No	No	No	No
Integrated Camera	5 MP Front/ 13 MP Rear	2 MP Front/ 13 MP Rear	8 MP Front/ 16 MP Rear	16 MP Front/ 12 MP Rear	5 MP Front/ 16 MP Rear	5 MP (Optional)	5 MP (Optional)
Integrated GPS	Yes	Yes	Yes	Yes	Yes	Optional	Optional
Optional Integrations			EM100 Module, EM110 barcode imager, EM111 barcode imager			Barcode Scanner	
Trimble Supported Software	TerraFlex, Penmap	TerraFlex, Penmap	TerraFlex, Penmap				
Esri Support Software	Collector, Survey123	Collector, Survey123	Collector, Survey123	Collector, Survey123	Collector, Survey123	Collector, Survey123	Collector, Survey123
Price*	\$1595	\$4995-8595	\$2399	\$799	\$999	\$1,609-2759	\$2,599-3544

* Price does not include software.