

PS VALUE GUIDE GARMIN 5000 SERIES vs. RAYMARINE E SERIES

Manufacturer		GARMIN		RAYMARINE	
Model Number		5208	5212	E80	E120
Price		\$2,999	\$3,499	\$2,699	\$3,899
Price Source		consumersmarine.com		consumersmarine.com	
DISPLAY UNIT FEATURES AND RATINGS	Unit Dimensions (W x H x D)	10.1 x 6.8 x 4.2 in.	13 x 9.5 x 4.7 in.	11.1 x 8.3 x 6.1 in.	14 x 10.4 x 6.1 in.
	Screen Dimensions (Diameter)	8.4 in.	12.1 in.	8.4 in.	12.4 in.
	Screen Resolution	640 x 480	1024 x 768	640 x 480	800 x 600
	Screen Orientation	Landscape	Landscape	Landscape	Landscape
	Max # of Windows in Split Screen	4 + data bar	4 + data bar	4 + data bar	4 + data bar
	Alphanumeric Key Pad	Onscreen	Onscreen	No	No
	Push Button Controls	1	1	15	15
	Soft Keys	0	0	5	5
	Rotary Enter Knob	No	No	Yes	Yes
	Cursor Input Device	No	No	Yes	Yes
	Touchscreen Input	Yes	Yes	No	No
	Screen Brightness Levels	0-100%	0-100%	0-100% in 64 steps	0-100% in 64 steps
	GPS Sensor	GPS 17 (included)	GPS 17 (included)	Ray 125 (optional) \$285	Ray 125 (optional) \$285
	Radar Optional	Yes	Yes	Yes	Yes
	Weather Receiver Optional	Yes	Yes	Yes	Yes
	AIS Optional	Yes	Yes	Yes	Yes
	Video Optional	Yes	Yes	Yes	Yes
	NMEA 0183/2000 Compatible	Yes	Yes	Yes	Yes
	Power Usage	0.5 amperes	1.3 amperes	1.7 amperes	2.3 amperes
	Waterproof	Yes (IPX7)	Yes (IPX7)	Yes (IPX6)	Yes (IPX6)
Warranty Period	1 year	1 year	2 years	2 years	
Day View	Excellent	Excellent	Excellent	Excellent	
Night View	Good	Good	Good	Good	
PLOTTER FEATURES & RATINGS	GPS Antenna Internal or External	External	External	External	External
	Cartography	Preloaded Garmin Bluechart g2; can run any SD card Bluechart	Preloaded Garmin Bluechart g2; can run any SD card Bluechart	Navionics Silver, Gold, Platinum, Platinum Plus	Navionics Silver, Gold, Platinum, Platinum Plus
	Number of Card Slots	1	1	1	1
	Waypoint Storage Capacity	1500	1500	1200	1200
	Route Storage Capacity	20	20	150	150
	Waypoint Symbols	70	70	36	36
	Waypoint Name Max. # of Characters	10	10	16	16
	Waypoint Comment Max. # of Characters	0	0	32	32
	Plotter User Interface	Good	Good	Good	Good

Recommended Best Choice