

Graphic Models

		fx-9860G II SD	fx-9860G II	fx-9860G Slim	fx-9750G II	fx-7400G II
Specifications	Number of functions	(Over 2,900) ^{*3}	(Over 2,900) ^{*3}	(Over 1,000) ^{*3}	(Over 2,800)	(Over 2,100)
	Power supply (Main)	AAA x 4	AAA x 4	AAA x 2	AAA x 4	AAA x 4
	Power supply (Backup)	—	—	—	—	—
	Approximate battery life Main (hours)	200 (LR03) ^{*1}	200 (LR03) ^{*1}	140 (LR03) ^{*1}	230 (LR03) ^{*1}	230 (LR03) ^{*1}
	Approximate battery life Backup (years)	—	—	—	—	—
	Dimensions H×W×D(mm)	21.2 × 91.5 × 184	21.2 × 91.5 × 184	20.7 × 122 × 89	21.3 × 87.5 × 180.5	21.3 × 87.5 × 180.5
	Approximate weight (g)	225	220	200	205	205
	Case style	Slide-on hard	Slide-on hard	—	Slide-on hard	Slide-on hard
	Dot matrix display	64 × 128 dots	64 × 128 dots	64 × 128 dots	64 × 128 dots	64 × 128 dots
	Display capacity (characters)	21 × 8	21 × 8	21 × 8	21 × 8	21 × 8
	Mantissa + exponent digits	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2
	Icon menus	●	●	●	●	●
	Internal operation digits	15	15	15	15	15
Nested parentheses levels	26	26	26	26	26	
Programming Functions	Program logic	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)
	Memory (bytes)	62,000	62,000	63,000	62,000	20,000
	Program areas	Up to memory	Up to memory	Up to memory	Up to memory	Up to memory
	Storage memory area (Flash memory)	1.5MB	1.5MB	1.5MB	—	—
	Built-in formulas	—	—	—	—	—
Utilities	Natural textbook display / NATURAL-V.P.A.M.	●	●	●	—	—
	Key rollover function	●	●	●	●	●
	Replay function	●	●	●	●	●
	Multi-replay functions	●	●	●	●	●
	Replay copy	—	—	—	—	—
	Backspace	●	●	●	●	●
	CALC function	—	—	—	—	—
	SOLVE function	●	●	●	●	●
	Answer function	●	●	●	●	●
	Variables	28	28	28	28	28
	Onboard function manual	—	—	●	—	—
	Syntax help	—	—	●	—	—
	Auto power off	●	●	●	●	●
Special Features	Base-n calculations (Binary/Octal/Hexadecimal)	●	●	●	●	●
	Logical operations	●	●	●	●	●
	Engineering symbol calculations	●	●	●	●	●
	Engineering notation (ENG/ENG)	●	●	●	●	●
	Scientific constants	—	—	—	—	—
	Metric conversions	●	●	—	●	●
CAS	Computer Algebra System	—	—	—	—	—
Basic Functions	Trigonometric, inverse trigonometric (sin/cos/tan/sin ⁻¹ /cos ⁻¹ /tan ⁻¹)	●	●	●	●	●
	Hyperbolic, inverse hyperbolic (sinh/cosh/tanh/sinh ⁻¹ /cosh ⁻¹ /tanh ⁻¹)	●	●	●	●	●
	Exponential, logarithmic (log, ln, 10 ^x , e ^x)	●	●	●	●	●
	Base specified logarithmic	●	●	●	●	●
	Power and radical root (x ^y /x [√])	●	●	●	●	●
	Fraction	●	●	●	●	●
	Percentage calculation (%)	—	—	—	—	—
	Rounding	●	●	●	●	●
	Simplification	●	●	—	●	●
	Integer division	●	●	—	●	●
	GCD/LCM	●	●	—	●	●
	Sexagesimal ↔ decimal	●	●	—	●	●
	Display format (FIX, SCI)	●	●	●	●	●
	Angle unit (Deg, Rad, Grad)	●	●	●	●	●
	Angle unit conversion (Deg, Rad, Grad)	●	●	●	●	●
	Factorization into prime factors	—	—	—	—	—
Ratio calculation	—	—	—	—	—	
Calculus	Differentiation calculation	●	●	●	●	●
	Integration calculation	●	●	●	●	●
Algebra	Simultaneous equation	(6 unknowns)	(6 unknowns)	(6 unknowns)	(6 unknowns)	(6 unknowns)
	Polynomial equation	(Degree 2-6)	(Degree 2-6)	(Degree 2, 3)	(Degree 2-6)	(Degree 2-6)
	Inequality calculation	—	—	—	—	—
	Table function	●	●	●	●	●
	Matrix calculations	●	●	●	●	●
	Complex number calculation	●	●	●	●	●
Geometry	Geometry Application	● (Preloaded)	● (Preloaded)	—	—	—
	Coordinate conversion (Pol, Rec)	—	●	●	●	●
	Vector calculations	—	—	—	—	—
Probability	Combination, permutation (nCr, nPr)	●	●	●	●	●
Statistics	Random numbers	●	●	●	●	●
	Random integers	●	●	●	●	●
	List-based STAT data editor	●	●	●	●	●
	Standard deviation	●	●	●	●	●
	Regression analysis	●	●	●	●	●
	Linear regression	●	●	●	●	●
	ab Exponential regression	●	●	—	●	●
	Advanced statistics	●	●	●	●	—
	Other regressions	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Sin, Lgst
Finance	Financial function	●	●	●	—	—
Spreadsheet	Spreadsheet	●	●	●	—	—
Others	eActivity	●	●	(eActivity Guide)	—	—
	Data communication	●	●	●	●	●
	Others	Recursions Backlight display	Recursions Backlight display	Recursions Backlight display	Recursions	—

*1 Continuous operation (assuming 5 minutes calculation and 55 minutes display per hour) *2 Continuous display of main menu *3 Changes when OS is updated