

# HP 50g Graphing Calculator



Get a powerful and flexible calculator designed for math, science and engineering professionals with an SD card slot,<sup>1</sup> USB, Infrared (IrDA), serial connectivity<sup>3</sup> and more.

## Powerful graphing calculator

You'll get a large high-contrast screen, useful SD card slot and a built-in intelligent editor.

- Format your SD card right in the calculator's versatile SD card slot and expand memory or transfer data
- Isolate and evaluate sub-expressions using the intelligent editor—plus cut, paste and copy objects
- View calculations on the large 131 x 80 pixels, high-contrast display with adjustable type size

## Professional power that's easy

Tackle problems with confidence and work more efficiently with a large equation library, over 2300 built-in functions and the advanced Computer Algebra System (CAS).

- Large equation library and over 2300 built-in functions—ideal for professionals and students
- Easily perform complex arithmetic and calculus functions with advanced Computer Algebra System (CAS)
- Type and store an equation then use it to solve any variable using HP Solve<sup>4</sup>
- Calculate advanced expressions and view solutions in 2- or 3D graphical representation

## Performance you demand

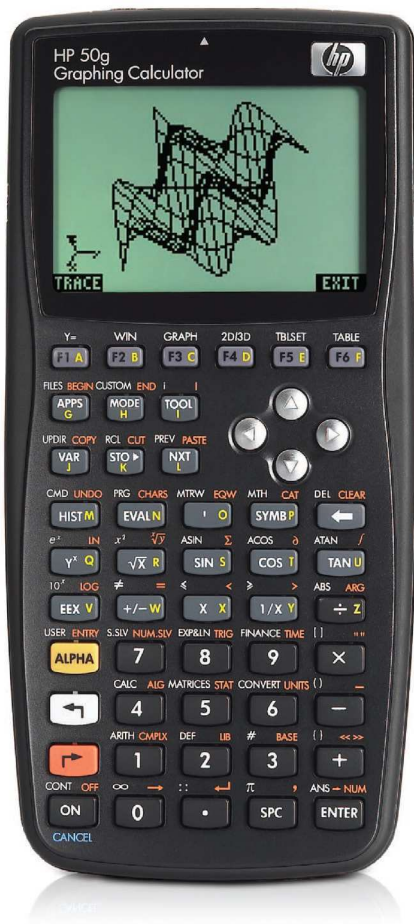
Customize the 50g to your work style with a variety of data entry modes, re-definable HP keypad and adjustable font types and sizes. Share data with PCs and other HP 50g calculators with upgraded connectivity.

- Choose RPN<sup>5</sup>, Textbook and algebraic entry-system logic and customize font sizes and styles
- Versatile connectivity with USB, serial and infrared ports<sup>3</sup>
- Reduce keying errors and improve accuracy with unique HP click-and-rotate keys

## HP quality and support

Have confidence that every time you turn on your HP calculator, every calculation you make, results in dependable, worry-free performance and accurate results.

- Rely on HP quality and award-winning support—online and by phone
- Get the most from your calculator, visit [hp.com/calculators](http://hp.com/calculators) for downloads, tutorials and more



SD card slot for expanded memory and data transfer<sup>6</sup>



Communicate wirelessly through IrDA port

## Specifications

The HP 50g Graphing Calculator includes:

- Large equation library
- SD memory card support with formatting and FAT 32 support <sup>1</sup>
- 2.5MB total memory (2MB Flash ROM and 512KB RAM)<sup>2</sup>
- Upgradeable applications

|                                    |                                                                                                                                                 |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HP Part Number</b>              | F2229AA                                                                                                                                         |
| <b>CPU</b>                         | 75 Mhz ARM9                                                                                                                                     |
| <b>Display size</b>                | 131 x 80 pixels (9 lines x 33 characters + 2 line header + 1 line menu)                                                                         |
| <b>Display Type</b>                | LCD                                                                                                                                             |
| <b>Contrast</b>                    | Adjustable                                                                                                                                      |
| <b>Entry-system logic</b>          | RPN, Algebraic and textbook                                                                                                                     |
| <b>Built-in functions</b>          | over 2300                                                                                                                                       |
| <b>Menus, prompts, etc.</b>        | Yes                                                                                                                                             |
| <b>Internal precision</b>          | 15 digits (floating point), limited by memory for integers                                                                                      |
| <b>Memory</b>                      | 2.5MB total memory (2MB Flash ROM and 512KB RAM) <sup>2</sup>                                                                                   |
| <b>Connectivity</b>                | IrDA port (wireless), USB, and serial ports                                                                                                     |
| <b>Keyboard</b>                    | Alphanumeric                                                                                                                                    |
| <b>Power</b>                       | AAA x 4 + CR2032                                                                                                                                |
| <b>Power off memory protection</b> | Yes                                                                                                                                             |
| <b>Expansion</b>                   | SD card slot and FAT 32 support                                                                                                                 |
| <b>Auto power off</b>              | User selectable, default 5 minutes                                                                                                              |
| <b>Weight</b>                      | Approximately 199 g (7.0 oz)                                                                                                                    |
| <b>Size (L x W x D)</b>            | 18.4 x 8.8 x 2.5 cm (7.24 x 3.47 x 0.98 in)                                                                                                     |
| <b>Enclosure material</b>          | Plastic                                                                                                                                         |
| <b>Key top material</b>            | Plastic                                                                                                                                         |
| <b>What's in the box</b>           | Calculator, batteries, User Manual, CD (connectivity software and Advanced User Guide), USB cable and premium pouch                             |
| <b>Warranty</b>                    | 1 year (may vary by region)                                                                                                                     |
| <b>Subject suitability</b>         | Engineering, Computer science, Surveying, Trigonometry, Statistics, Geometry, Biology, Chemistry, Physics                                       |
| <b>Permitted for use on</b>        | SAT® Reasoning and SAT® Subject Tests™ in Math 1 & 2, ACT, PSAT/NMSQT, AP Chemistry/Physics, AP Calculus/Statistics, PLAN, EXPLORE <sup>6</sup> |

- <sup>1</sup> Secure Digital (SD) card must be purchased separately
- <sup>2</sup> 350KB RAM and 700KB Flash ROM available to the user. A PC with an Internet connection is required for downloads. USB cable is included. HP makes no representation that a future upgrade will be available.
- <sup>3</sup> A PC with an Internet connection is required for downloads. Please purchase separately. USB cable and connectivity software included. The IrDA port allows the HP 50g to communicate with another HP 50g.
- <sup>4</sup> HP Solve is a time-saving application that allows you to solve for any variable without rewriting your equation.
- <sup>5</sup> Reverse Polish Notation (RPN) is an efficient data-entry system that can significantly reduce keystrokes. More information is available at [hp.com/go/rpn](http://hp.com/go/rpn)
- <sup>6</sup> ACT®, PLAN® and EXPLORE® are registered trademarks of ACT, Inc., which was not involved in the production of and does not endorse this product. For more information, go to [www.act.org](http://www.act.org). AP Calculus requires a graphing calculator. Any scientific or graphing calculator (Excludes models with QWERTY (i.e. typewriter) keyboards, electronic writing pads, and pen-input/ stylus-driven devices) is permitted for the following College Board tests: AP Chemistry, AP Physics, AP Statistics (a graphing calculator with statistical capabilities is expected), PSAT/NMSQT, SAT® Reasoning and SAT® Subject Tests™ in Mathematics Level 1 and Level 2. For more information, go to [www.collegeboard.com](http://www.collegeboard.com). Policies are subject to change. AP® and SAT® are registered trademarks of the College Board. PSAT/NMSQT® is a registered trademark of both the College Board and National Merit Scholarship Corporation which were not involved in the production of and do not endorse this product.

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