

HP 50g

Graphing Calculator



Get a powerful and flexible calculator designed for math, science and engineering professionals with a SD card slot¹, 2.5MB total memory², USB, Infrared (IrDA), serial connectivity³ and more.



Powerful graphing calculator

You'll get a large high-contrast screen, useful SD card slot, a massive 2.5MB of memory² and a built-in intelligent editor.

- Store lots of data with 2.5MB total memory—512KB RAM plus 2MB flash ROM for future upgrades²
- 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 Solve⁴
- 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 calculators with upgraded connectivity.

- Choose RPN⁵, Textbook and algebraic entry-system logic and customize font sizes and styles
- Versatile connectivity with USB, serial and infrared ports³
- 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 www.hp.com/calculators for downloads, tutorials and more

HP 50g

Specifications



SD card slot for expanded memory and data transfer²



Communicate wirelessly through IrDA port

The HP 50g Graphing Calculator includes all the features of the HP 48gII plus:

- Larger equation library
- Largest display of all HP graphing calculators—131x80 pixels/9line split screen display
- Powerful 2MB Flash ROM upgradeability²
- SD memory card support with formatting and FAT 32 support¹
- 2.5MB total memory (2MB Flash ROM and 512KB RAM)²
- Upgradeable applications

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|------------------------------------|---|
| HP Part Number | F2229AA |
| CPU | 75 Mhz ARM9 |
| Display size | 131 x 80 pixels (9 lines x 33 characters + 2 line header + 1 line menu) |
| Display Type | LCD |
| Contrast | Adjustable |
| Entry-system logic | RPN, Algebraic and textbook |
| Built-in functions | over 2300 |
| Menus, prompts, etc. | Yes |
| Internal precision | 15 digits (floating point), limited by memory for integers |
| Memory | 2.5MB total memory (2MB Flash ROM and 512KB RAM) ² |
| Connectivity | IrDA port (wireless), USB, and serial ports |
| Keyboard | Alphanumeric |
| Power | AAA x 4 + CR2032 |
| Power off memory protection | Yes |
| Expansion | SD card slot and FAT 32 support |
| Auto power off | User selectable, default 5 minutes |
| Weight | Approximately 196 g (8.8 oz) |
| Size (L x W x D) | 7.24 x 3.47 x 0.98 cm (18.4 x 8.8 x 2.5 in) |
| Enclosure material | Plastic |
| Key top material | Plastic |
| What's in the box | Calculator, batteries, User Manual, CD (connectivity software and Advanced User Guide), USB cable and premium pouch |
| Warranty | 1 year (may vary by region) |
| Subject suitability | Engineering, Computer science, Surveying, Trigonometry, Statistics, Geometry, Biology, Chemistry, Physics |
| Permitted for use on | SAT [®] Reasoning and SAT [®] Subject Tests [™] in Math 1 & 2, ACT, PSAT/NMSQT, AP Chemistry/Physics, AP Calculus/Statistics, PLAN, EXPLORE ⁶ |

¹ Secure Digital (SD) card must be purchased separately

² 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.

³ 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, 48gII or 49g+ calculator

⁴ HP Solve is a time-saving application that allows you to solve for any variable without rewriting your equation.

⁵ Reverse Polish Notation (RPN) is an efficient data-entry system that can significantly reduce keystrokes. More information is available at www.hp.go.com/go/rpn

⁶ 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. 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. 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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