HP30b Fact Sheet
Richard J. Nelson

1. The HP30b will be available from the usual sources for HP Calculators.

HP's US website doesn't show the HP30b as of January 2, 2010. It seems to come and go and has been seen in the past. See #4 below.

http://www.shopping.hp.com/webapp/shopping/can.do?landing=calculator&category=Financial&catLevel=1&storeName=storefronts

Europe's Moravia

http://www.grafikrechner.info/en/news/?id=39

Specifications without mentioning the memory size from the link above.

http://www.moravia-europe.eu/en/products/?id=2041-hp-30bhttp://www.moravia-europe.eu/en/products/?id=2041-hp-30b

Here is a version of Moravia site which shows the wrong machine (orange display frame), but the "details" ends up at the link above.

http://calcsandmore.com/

Asia's Educalc"

http://www.educalc.net/1840481.page

2. The HP30b has been discussed on the HP Museum site.

a. http://www.hpmuseum.org/cgi-sys/cgiwrap/hpmuseum/forum.cgi?read=161088#161088

The HP30b data sheet was given in the thread above and may be found at:

b. http://www.despec.biz/index2.php?option=com_sobi2&sobi2Task=dd_download&fid=6505&no_html=1

c. Please note that the memory as given in this early HP version (*.pdf file) of the specifications is incorrect. The memory is not 32 KB, but 290 Bytes. Memory usage is quite efficient and this machine is very fast.

3. The HP30b was shown at HHC 2009 and a few early prototypes were given to attendees by random drawing. These machines will not reflect the latest ROM code which was being changed right up to the "final" release.

4. Here is the best announcement information from HP:
   a. Public Announcement: Jan 6, 2010 at CES -- The plan is for the 30b to be included in the HP press release.
   b. HP30b Launch kits: The week of Jan 4th.
   c. First Factory Shipments (FFS): Jan 29, 2010.
   d. Live date for Web ordering: March 1, 2010.

Note: It is usual practice for the CES press release is dated the day before CES officially opens. That makes January 6 as a "normal" CES introduction date, for those who care about such details. HP will not have a CES booth as they did last year, but they will have a private meeting room (space 356784) on the 2nd floor at the far end of the South hall.

5. The HP30 has a great set of 40 learning modules with six dedicated to macros (programming). Here are the titles.

01. HP 30b Introduction to the Learning Modules, 3pp.
02. HP 30b Using the RPN stack to solve problems efficiently, 5pp.
03. HP 30b Using chain and algebraic modes to solve problems, 4pp.
04. HP 30b Basic Arithmetic, 4pp.
05. HP 30b Operating modes, clearing options and error messages, 5pp.
06. HP 30b Using Memories to Solve Problems, 5pp.
07. HP 30b Solving problems involving dates, 4pp.
08. HP 30b Percent calculations, 4pp.
09. HP 30b Cost, Price, Margin and Markup Calculations, 4pp.
10. HP 30b Time value of money basics, 6pp.
11. HP 30b Simple and Compound Interest, 4pp.
12. HP 30b Solving for loan payments, 4pp.
13. HP 30b Solving for a required down payment, 4pp.
14. HP 30b Saving for retirement, 4pp.
15. HP 30b Interest rate conversions, 5pp.
16. HP 30b Mortgages with balloon payments, 4pp.
17. HP 30b Solving for lease payments, 4pp.
18. HP 30b Net Present Value and other Discounted Cash Flow Measures, 7pp.
19. HP 30b IRR and MIRR, 5pp.
20. HP 30b Loan Amortizations, 7pp.
21. HP 30b Depreciation, 6pp.
22. HP 30b Bonds and Bond Duration, 7pp.
23. HP 30b Breakeven analysis, 4pp.
24. HP 30b Statistics – Rearranging Items, 3pp.
25. HP 30b Descriptive statistics and quartiles, 6pp.
26. HP 30b Statistics – Regression, 8pp.
27. HP 30b Probability Distributions, 8pp.
28. HP 30b Logarithm and Exponential Functions, 3pp.
29. HP 30b Solving Simple Trigonometry Problems, 5pp.
30. HP 30b Hyperbolic functions, 4pp.
31. HP 30b Black-Scholes Option Pricing, 4pp.
32. HP 30b Canadian Mortgages – Solving for loan payments, 5pp.
33. HP 30b Financial Management Rate of Return, 5pp.
34. HP 30b Frequency statistics and quartiles, 6pp.
35. HP 30b Programming – Automating Tasks, 9pp.
36. HP 30b Programming examples in RPN mode, 18pp.
37. HP 30b Programming – loops and subroutines, 11pp.
38. HP 30b Programming – reference, 12pp.
39. HP 30b Programming – Using HP Solve, 14pp.
40. HP 30b Programming examples and using HP Solve in algebraic mode, 13pp.
Total number of pages is 239.

6. An HP30b Emulator is "finished" and will be available – eventually.