BEE3 pricing & availability

A few words from BEEcube Inc.

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Now you've seen the BEE3 prototype

- How much will it cost?
  - Well… that depends on who you are
- When will it be available?
  - Early production starts in Q2
  - General availability in Summer 2008

How much? (The simple answer) Budgetary prices only!

- If you are a RAMP academic participant…
  - Free!
  - Thanks to Xilinx donation agreement
  - Total 30 BEE3 modules only
- If you are a non-RAMP academic customer…
  - With Xilinx FPGA donation: ~$15K
  - Without FPGA donation: ~$25K
- If you are a commercial customer…
  - Preferred partner (Microsoft & Xilinx): see Chen
  - Everybody else: $50K~$75K

What's in the package?

- BEE3 main PCB
  - Default FPGA choice: LX110T
  - Optional FPGA choice: LX155T, XS95T, …
  - Speed grade: -1 for donation, -2 for commercial
- 16GB DDR DRAM (8 x 2GB DIMMs)
- I/O & configuration boards
  - Including Xilinx USB JTAG
- PCIe x8 cable kit
- 4 CX4 10GE cable
- 2U Chassis with ATX supply & fans
- Docs & Packaging

Why is the commercial price higher?

- It's commercial, duh!
- Sorry, the real reason is
- Faster FPGA parts (-2 speed grade)
- Industrial support and maintenance for 1 year (instead of the 3 month for academic)
- BEE3 specific IP core support
- Royalty to Microsoft

What are the alternatives?

- If a single FPGA is enough…
  - Xilinx ML5xx boards: $1K ~ $2K
  - HiTech PCIe: $5K
  - …

- If you need more than one FPGA but limited memory
  - Dinigroup, 2 FPGAs start at $22K

- If you need more DRAM and more FPGA and inter-FPGA connectivity
  - BEE3

Thank You!

- Any other questions?

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