



## Custom Server Motherboard

3240 SCOTT BLVD,  
SANTA CLARA,  
PHONE: 408-980-0400  
FAX: 408-980-1555

### QUOTATION

THANK YOU FOR CONSIDERING WHIZZ SYSTEMS

Your partner for quick turn board development and turnkey in-house manufacturing services with onshore/offshore resources

<b>Attention:</b>	<b>Andy Sharp</b>	<b>Date:</b>	<b>September 13, 2011</b>
<b>Customer:</b>	<b>Lopoco</b>	<b>Whizz Job no:</b>	<b>TBD</b>
<b>Customer Email:</b>	<b>Andy@Lopoco.Com</b>	<b>Whizz Contact:</b>	<b>Fiona Gildert / Woody Woodruff</b>
<b>Project Name:</b>	<b>Custom Motherboard</b>	<b>Contact Email:</b>	<a href="mailto:Fiona@whizzsystems.com">Fiona@whizzsystems.com/</a> <a href="mailto:woody@whizzsystems.com">woody@whizzsystems.com</a>

### Design Quotation:

- Spec Review and Finalization:	\$6,500.00
- Board Design:	
Schematic Capture:	\$32,000.00
Design Review and Mods	
- Layout:	\$25,000.00
- Signal Integrity	\$25,000.00
- Basic Bring-up (1 week) (power/voltage and clocks verification)	\$5,000.00
- Design Time: 8-10 weeks	
<b>Total:</b>	<b>\$93,500.00</b>

Manufacturing of prototypes: TBD and to be paid for in full by Lopoco. Whizz agrees to begin work on the project when upfront payment is received in the amount of \$23,375.00 – 25% of the design and bring up costs. Balance of \$70,125.00 to be amortized over first 100 boards (\$701.25 per board).

Chassis assembly of LP2180 can be provided at \$50.00 per unit (5 minimum)

Chassis assembly of LP4200 can be provided at \$75.00 per unit (5 minimum)

### Quotation notes:

**Workmanship standard:** ANSI/J-STD-001 class II & IPC-600 & IPC 610 class II or customer's specification.

**Standard warranty:** 1 year for workmanship defect not including materials' defect and PCB fabrication - ASSEMBLY ONLY.

**Customer to Provide:** Electronic copy of Assembly drawing, BOM, CAD data and Gerber files if applicable.

**Material:** If Material kit is customer supplied. Material Kit should be provided for pick & place machine condition. Attrition of material should be taken into consideration to load the Pick & Place machine and not have shortages on the built of the boards. Excess materials will be returned to customer if supplied.

**Sales Tax:** Sales tax is not included in the proposal and will be included in the final invoice where relevant.

**Delivery:** Prices are based on FOB Santa Clara. Local Bay Area delivery is free.

**Payment terms:** 25% or \$23,375.00 up front. Balance of \$70,125.00 to be amortized over the first 100 production boards (\$701.25 per board).

The pricing contained in this quote is valid for 30 days.



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This quote is based on verbal and/or written input provided to Whizz Systems. If there are substantial differences between this quoted package and the actual order input received, Whizz Systems reserves the right to re-quote this design to reflect the actual input. After receipt of order, all customer changes must be submitted in writing. These changes will be charged separately and should be included on the final Purchase Order.



*“Excellence in Manufacturing – Proven by Design”*

[www.whizzsystems.com](http://www.whizzsystems.com)

Once again, thank you for considering Whizz Systems. If I may provide any other information or answer any questions, please call me.

Sincerely,

**Fiona Gildert or Woody Woodruff**

Whizz Systems, Inc.

408 980 0400 x 120, x109

[Fiona@whizzsystems.com](mailto:Fiona@whizzsystems.com)

[woody@whizzsystems.com](mailto:woody@whizzsystems.com) 408-690-5185 - Cell