

Technical Information – Chassis Plans PICMG 1.3 Backplanes Compatible with the JXT6966 & JXTS6966 (S6966-xxx) System Host Boards

PICMG 1.3 Backplane	Compatible with JXT6966 (i.e. all backplane slots are functional)	Why not or clarification
<u>2U Butterfly Backplanes</u>		
BPG6741	Yes	
BPX6736	Yes	
<u>Multi-Segment Backplanes</u>		
BP6FS6605	No	SHB segment spacing
BP4FS6890	Yes, for both SC and GC config.	
BP2S6929	Yes	
<u>Combo Backplanes</u>		
BPC7041	Yes for the JXT6966 with a PEX10 No for the JXTS6966 single CPU	CPU2 provides the links for BP slots PCIe 1 through PCIe4
BPC7009	Yes	1. Use tabs –007 or –008 for JXT6966 & PEX10 combination 2. Use tabs –107 or –108 for JXT6966 without a PEX10, or with the single CPU JXTS6966, or other graphics-class SHBs 3. Use tabs –207 or –208 for other server-class SHBs
<u>Server-Class Backplanes</u>		
BPX6806	Yes, need IOB33 for PCIe1 slot	1. JXT6966 provides x1 via IOB33 2. PCI Express cards with card lengths of 4.5" (11.43cm) or less can be used in slot PCIe1 of the backplane. Card lengths greater than 4.5" must be used in the other backplane slots.
BPX6620	Yes, need IOB33 for PCIe1 slot	JXT6966 provides x1 via IOB33
BPX6610	Yes	
BPX6571	Yes	
BPX3/14	Yes, need IOB33 for PCIe2 slot	JXT6966 provides x1 via IOB33
BPX3/8	Yes	
BPX6719	Yes, need IOB33 for PCIe1 slot	JXT6966 provides x1 via IOB33
BPX3/2	Yes	
BPX5	Yes, need IOB33 for PCIe1 slot	JXT6966 provides x1 via IOB33
<u>Graphics-Class Backplanes</u>		
BPG6615	Yes	
BPG6600	No	32b/33MHz slots C1, C2, C3 & C4 are inoperative when using a JXT6966 SHB
BPG6544	No	32b/33MHz slots C1, C2, & ISA slots D1 & D2 are inoperative when using a JXT6966 SHB
BPG6714	Yes, need IOB33 for PCIe1 slot	JXT6966 provides x1 via IOB33
BPG2/2	Yes	
BPG4	Yes, need IOB33 for PCIe1 slot	JXT6966 provides x1 via IOB33