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Techr	nolog	y Tra	ansit	ions:	All I/C) Techi	nologie	s Becom	ning Se	rial
External Desktop Interconnect	Parallel Printer P	ort		USB		USB 2	2.0			
Graphics	PCI	AGP x2	2	AGP x4				AGP x8	PC Ex	press*
DT/Entry Server Drive Interconnect	Parallel A	ATA						Serial	ATA	
Enterprise Server Drive Interconnect	SCSI			Fibr	e Chan	nel —			SAS	
DAS	SCSI								SAS	
SAN				Fibr	e Chan	nel —		iS	csi —	
Network	10/100 Et	thernet		Gig E	Etherne	t			10 G	ig E
Datacenter Clusters		Pro	prietary					IB/	\	10 Gig E
Local I/O	PCI					PC	I-X		PCI Exp	ress
int _e l.		'97 *Other bi	'98	'99 mes may be clai	'00	'01	'02	'03	'04	'05 ■ Parallel □ Serial

Embedd	e 3 rd China Annual PICMG Tech	年会 ATCA/PXI
	1H'04	2H'04
Performance	Intel® Xeon [™] Processor Intel® E7501 chipset	Intel® Xeon™ Processor Intel® E7520/Intel® 6300ESB
Jo Ja Mid-Power La	LV Intel® Xeon™ Processor Intel® E7501 chipset	LV Intel® Xeon™ Processor Intel® E7520/Intel® 6300ESB
Performance p c c c c c c c c c c c c c c c c c c	Intel® Pentium® 4 Processor with HT Technology Intel® 875P/Intel® 6300ESB Chipset Intel® Pentium® 4 Processor Intel® 852GME Chipset	Intel® Pentium® 4 Processor Intel® 915GY Chipset
	Intel® Pentium® M Processor Intel® 855GME / Intel® 6300ESB	Intel® Pentium® M Processor Intel® 915GM Chipset
PCI Exp	oress* – On all Embedded IA I	Roadmap Segment
int _e l.	2014 - London James much a bring to the second of all	



中国第三届 Picnic 技术年会 ATCA/PX The 3 rd China Annual PICMG Tech-forum PICMG* 1.3 Specification Full-size PICMG 1.3 SBC							
	Processor North Bridge Bridge						
 Form factor: 13.33 Full-size PICMG 1 Half-size PICMG 1 	Additional PCI-E x16 PCI-E x8 Power & I/O B inches x 4.976 inches (maintain PICMG I.3 SBC should implement connector A, B 1.3 SBC should implement connector A &	PCI(-X) 1.2 form factor) 5, C & D - B Only					
	Scalability	Other information					
Connector A	One channel for 16x (max) PCI-E	At least 1x PCI-E implementation, may support 1x, 4x, 8x, or 16x					
Connector B	One channel of 4x PCI-E and four channels of 1x PCI-E	At least 1x PCI-E implementation, may support 1x, 4x, 8x					
Connector C	No PCI-E or PCI(-X)	Power distribution, SATA, USB, Ethernet and Geographic Addressing for IPMB					
Connector D	One channel of 32-bit PCI(-X) bus. No PCI-E	Arbitration, clock distribution & reset function for all primary PCI(-X) expansion boards					
int _e l.	Information on this page subjected to changes *Other brands and names may be claimed as the property of ot	thers					











