



CompactPCI[®] 3U CPU Comparison Chart

Document No. 2551 • Edition 2006-05



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CompactPCI 3U CPU Comparison Chart

	CC2-1-TANGO	CC2-2-TANGO	CC2-3-TANGO	CC2-4-TANGO
Board Form Factor	3U - 4HP			
CPU	ULV Celeron 0.13 μ Tualatin	ULV Celeron 0.13 μ Tualatin	LV Pentium III 0.13 μ Tualatin	LV Pentium III 0.13 μ Tualatin
CPU Socket Style	μ FC-BGA 479			
FSB Clock MHz	100	100	133	133
CPU Clock	400	650	800	933
CPU L2 Cache	256KB	256KB	512KB	512KB
Memory max.	512MB			
Memory Style	SO-DIMM 144 - PC133 SDRAM			
Memory Clock MHz	133			
Chipset	GMCH i815 + ICH2			
CompactPCI Interface	System Slot			
PCI Bridge	PCI2050 Transparent			
CompactPCI Hot Swap				
Fast-Ethernet	1			
Gigabit-Ethernet				
USB	2 x USB (1 FP, 1 Rear I/O)			
Serial ATA				
Parallel ATA	Ultra ATA/100			
CompactFlash Socket	CF-ATA Card Type I-II			
Local Expansion I/F	LPC, IDE			
Legacy I/O	Mezzanine Expansion Board Options: CC6-ACID, CC0-CHILLOUT COM1, COM2, LPT, PS/2 KB/MS, on-Board 2.5-Inch Hard Disk			
Video/Graphics	DVI-I (D-Sub Option)			
PXI Support	PXI TRIG0/1/6/7			
Front Panel I/O	DVI-I (VGA D-Sub Option), Ethernet, USB			
Rear I/O	CCY-RIO Transition Module (Option) IDE, USB, KB/MS, RS-232, GPIO			
System Management				
PCMark2002 CPU/MEM	1274/886	1990/933	tbd	2854/1467

CompactPCI 3U CPU Comparison Chart

	CC3-1-CAJUN	CC3-2-CAJUN	CC3-3-CAJUN	CC3-4-CAJUN
Board Form Factor	3U - 4HP			
CPU	ULV Celeron 0.13 μ Tualatin	ULV Celeron 0.13 μ Tualatin	LV Pentium III 0.13 μ Tualatin	LV Pentium III 0.13 μ Tualatin
CPU Socket Style	μ FC-BGA 479			
FSB Clock MHz	100	100	133	133
CPU Clock	400	650	800	933
CPU L2 Cache	256KB	256KB	512KB	512KB
Memory max.	512MB			
Memory Style	SO-DIMM 144 - PC133 SDRAM			
Memory Clock MHz	133			
Chipset	GMCH i815 + ICH2			
CompactPCI Interface	System Slot			
PCI Bridge	PLX6150/HB4 Transparent			
CompactPCI Hot Swap				
Fast-Ethernet	1			
Gigabit-Ethernet				
USB	2 x USB (1 FP, 1 Rear I/O)			
Serial ATA				
Parallel ATA	Ultra ATA/100			
CompactFlash Socket	CF-ATA Card Type I-II			
Local Expansion I/F	LPC, IDE			
Legacy I/O	Mezzanine Expansion Board Options: CC6-ACID, CC0-CHILLOUT COM1, COM2, LPT, PS/2 KB/MS, on-Board 2.5-Inch Hard Disk			
Video/Graphics	DVI-I (D-Sub Option)			
PXI Support	PXI TRIG0/1/6/7			
Front Panel I/O	DVI-I (VGA D-Sub Option), Ethernet, USB, RS-232 (RJ45)			
Rear I/O (Option)	CCY-RIO Transition Module (Option) IDE, USB, KB/MS, RS-232, GPIO			
System Management				
PCMark2002 CPU/MEM	1274/886	1990/933	tbd	2854/1467

CompactPCI 3U CPU Comparison Chart

	CC9-1-SAMBA	CC9-2-SAMBA	CC9-3-SAMBA	CC9-5-SAMBA
Board Form Factor	3U - 4HP			
CPU	ULV Celeron® M 0.13µ Banias	ULV Celeron® M 0.09µ Dothan 373	LV Pentium® M 0.09µ Dothan738	Pentium® M 0.09µ Dothan745
CPU Socket Style	µFC-BGA 479			
FSB Clock MHz	400			
CPU Clock max.	600MHz	1.0GHz	1.4GHz	1.8GHz
CPU L2 Cache	512KB	512KB	2MB	2MB
Memory max.	1GB			
Memory Style	SO-DIMM 200 - PC2700 DDR			
Memory Clock MHz	333			
Chipset	GMCH i855GME (Montara) + ICH4			
CompactPCI Interface	System Slot			
PCI Bridge	PLX6150/HB4 Transparent			
CompactPCI Hot Swap				
Fast-Ethernet	1 (LCI, CCB-BOSSANOVA Mezzanine Expansion Board)			
Gigabit-Ethernet	1			
USB	6 x USB 2.0 (2 Front Panel, 2 Rear I/O, 2 Expansion Board)			
Serial ATA				
Parallel ATA	Ultra ATA/100			
CompactFlash Socket	Mezzanine Module C10-1-CFA: CF-ATA Card Type I-II, C10-2-CFA: 1.8-Inch on-Board Hard Disk (Option)			
Local Expansion I/F	LPC, IDE, LCI, AC97, 2 x USB			
Legacy I/O	Mezzanine Expansion Board Options: CCA-LAMBADA, CCB-BOSSANOVA USB, Audio, COM, Ethernet, PS/2 KB/MS, on-Board 2.5-Inch Hard Disk			
Video/Graphics	DVI-I (D-Sub Option), Dual Screen Capability			
PXI Support	PXI TRIG0/1/6/7			
Front Panel I/O	DVI-I (VGA D-Sub Option), GB Ethernet, 2 x USB			
Rear I/O	CCR-RIO Transition Module (Option) IDE, 2 x USB, VGA-Video, GB Ethernet, KB/MS, RS-232, GPIO			
System Management				
PCMark2002 CPU/MEM	1986/2645	3386/3274	4745/8489	6143/10609

CompactPCI 3U CPU Comparison Chart

	CCD-2-CALYPSO	CCD-3-CALYPSO	CCD-6-CALYPSO
Board Form Factor	3U - 4HP		
CPU	ULV Celeron® M 0.09µ Dothan 373	LV Pentium® M 0.09µ Dothan738	Pentium® M 0.09µ Dothan760
CPU Socket Style	µFC-BGA 479		
FSB Clock MHz	400	400	533
CPU Clock max.	1.0GHz	1.4GHz	2.0GHz
CPU L2 Cache	512KB	2MB	2MB
Memory max.	2GB (2 x 1GB Dual Channel)		
Memory Style	SO-DIMM 200 DDR2 533 PC2-4200		
Memory Clock MHz	400/533	400/533	400/533
Chipset	GMCH i915GM (Alviso) + ICH6		
CompactPCI Interface	System Slot		
PCI Bridge	ICH6 Transparent		
CompactPCI Hot Swap			
Fast-Ethernet			
Gigabit-Ethernet	2		
USB	7 x USB 2.0 (2 Front Panel, 3 Rear I/O, 2 Expansion Board)		
Serial ATA	3 (Rear I/O)		
Parallel ATA	Ultra ATA/100		
CompactFlash Socket	Mezzanine Module C10-1-CFA: CF-ATA Card Type I-II, C10-2-CFA: 1.8-Inch on-Board Hard Disk (Option)		
Local Expansion I/F	LPC, AC'97, 2 x USB, 1 x PCI Express		
Legacy I/O	Mezzanine Expansion Board Options: CCA-LAMBADA, CCB-BOSSANOVA USB, Audio, COM, PS/2 KB/MS, on-Board 2.5-Inch Hard Disk		
Video/Graphics	DVI-I (D-Sub Option), Dual Screen Capability, Intel® Graphics Media Accelerator (GMA) 900		
PXI Support	PXI TRIG0/1/6/7		
Front Panel I/O	DVI-I (VGA D-Sub Option), 2 x GB Ethernet, 2 x USB		
Rear I/O	CCT-RIO Transition Module (Option) 2 x SATA, 1 x eSATA, 2 x USB ext., 1 x USB int., VGA Video, 1 x GB Ethernet, KB/MS, RS-232, GPIO		
System Management			
PCMark2002 CPU/MEM	tbd	tbd	tbd

CompactPCI 3U CPU Comparison Chart

	CCG-RUMBA		
Board Form Factor	3U - 4HP		
CPU	Next Generation (M) Core Duo VT & EM64T		
CPU Socket Style	µFC-BGA		
FSB Clock MHz	667/800		
CPU Clock max.	tbd		
CPU L2 Cache	4MB		
Memory max.	4GB (2 x 2GB Dual Channel)		
Memory Style	SO-DIMM 200 DDR2 667 PC2-5400		
Memory Clock MHz	533/667		
Chipset	Next Generation GMCH i9xx (C) + ICH8M DO		
CompactPCI Interface	System Slot		
PCI Bridge	tbd		
CompactPCI Hot Swap			
Fast-Ethernet			
Gigabit-Ethernet	2		
USB	10 x USB 2.0		
Serial ATA	3 (Rear I/O)		
Parallel ATA	Ultra ATA/100		
CompactFlash Socket	Mezzanine Module C10-1-CFA: CF-ATA Card Type I-II, C10-2-CFA: 1.8-Inch on-Board Hard Disk (Option)		
Local Expansion I/F	tbd		
Legacy I/O	Mezzanine Expansion Board Options USB, Audio, COM, on-Board 2.5-Inch Hard Disk		
Video/Graphics	DVI-I (D-Sub Option), Dual Screen Capability, Intel® Generation 4 500MHz Graphics DirectX 10		
PXI Support	PXI TRIG0/1/6/7		
Front Panel I/O	DVI-I (VGA D-Sub Option), 2 x GB Ethernet, 2 x USB		
Rear I/O	tbd		
System Management	iAMT 2.5		
PCMark2002 CPU/MEM	tbd	tbd	tbd