



CompactPCI[®] 3U CPU Comparison Chart

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CC9-SAMBA
CCD-CALYPSO
CCG-RUMBA
CCM-BOOGIE



Please request for custom specific configurations (sales@ekf.com)

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	CC9-SAMBA	CCD-CALYPSO	CCG-RUMBA	CCM-BOOGIE
Target Application	Low Power	General Purpose	Dual Core	Dual Core Performance
Board Form Factor	3U - 4HP			
CPU Options	Pentium® M 745 LV Pentium® M 738 ULV Celeron® M 373 ULV Celeron® M 600MHz	Pentium® M 760 LV Pentium® M 738 ULV Celeron® M 373	Core™ 2 Duo SV T7500 Core™ 2 Duo LV L7500 Core™ 2 Duo ULV U7500	Core™ 2 SV SP9300 Core™ 2 LV SL9400 Core™ 2 ULV SU9300
CPU Clock L2 Cache FSB Clock	1.8GHz 2MB 400MHz 1.4GHz 2MB 400MHz 1.0GHz 512KB 400MHz 0.6GHz 512KB 400MHz	2.0GHz 2MB 533MHz 1.4GHz 2MB 400MHz 1.0GHz 512KB 400MHz	2.2GHz 4MB 800MHz 1.6GHz 4MB 800MHz 1.06GHz 2MB 533MHz	2.26GHz 6MB 1066MHz 1.86GHz 6MB 1066MHz 1.2GHz 3MB 800MHz
On-Board Memory max.	1GB	2GB (2 x 1GB Dual Channel)	4GB (2 x 2GB Dual Channel)	8GB (2 x 4GB Dual Channel)
Memory Style	DDR 333 MHz 1 x SO-DIMM PC-2700	DDR2 533/400MHz 2 x SO-DIMM PC2-4200	DDR2 667/533MHz 2 x SO-DIMM PC2-5400	DDR3 1066/800MHz 1 x on-Board Soldered Memory 1 x SO-DIMM PC3-8500
Chipset	855GME + ICH4	915GME + ICH6	GME965 + ICH8M-E	GS45 + ICH9M-E
CompactPCI I/F PCI Bridge	PLX6150/HB4	ICH6 Native	ICH8 + PCI Arbiter	ICH9 + Arbiter
100Mbit Ethernet	1 x 82562 with CCB-BOSSANOVA Mezzanine Side Board	○		
Gigabit Ethernet	1 x 82541	2 x 82573	1 x 82566MM 1 x 82573	1 x 82567LM 1 x 82574L
USB	6 x USB 2.0 2 Front Panel, 2 Rear I/O 2 Expansion Board	7 x USB 2.0 2 Front Panel, 3 Rear I/O 2 Expansion Board	7 x USB 2.0 Dual EHCI 2 Front Panel, 3 Rear I/O 2 Expansion Board	11 x USB 2.0 Dual EHCI 2 Front Panel, 3 Rear I/O 6 Expansion Board
Serial ATA	○	3 x Rear I/O SATA Channels		3 x Expansion Board SATA RAID 3 x Rear I/O SATA RAID Channels
Parallel ATA	1 x P-IDE M/S (Secondary IDE) 1 x Rear I/O M/S (Primary IDE)	1 x P-IDE Master/Slave		○

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CompactFlash Socket	Mezzanine Module C10-CFA (Top Mount) or C17-CFA (Bottom Mount), C13-RD (Front Panel Slot)			C40-SCFA Mezzanine Module
1.8-Inch Drive (HD/SSD)	C30-PATA Mezzanine Module (Maintains 4HP Envelope)			C42-SATA Mezzanine Module
2.5-Inch Drive (HD/SSD) Mezzanine Side Board Options	CCA-LAMBADA CCB-BOSSANOVA	CCA-LAMBADA CCB-BOSSANOVA CCE-PUNK	CCE-PUNK CCH-MARIACHI CCI-RAP CCJ-RHYTHM CCK-MARIMBA CCL-CAPELLA	CCI-RAP CCK-MARIMBA CCL-CAPELLA
Local Expansion I/F Connectors	P-EXP (LPC/USB/AC'97) P-IDE (PATA) P-LCI (100Mb Ethernet)	P-EXP (LPC/USB/AC'97) P-IDE (PATA) P-PCIE (PCI Express x 1)	P-EXP (LPC/USB/HD-Audio) P-IDE (PATA) P-PCIE (PCI Express x 4) P-SDVO (DVI Video)	P-EXP (LPC/USB/HD-Audio) P-HSE (SATA/USB) P-PCIE (PCI Express x 4) P-SDVO (DVI Video)
I/O Mezzanine Expansion Module & Side Board Options	CCA-LAMBADA CCB-BOSSANOVA C10-CFA C13-RD C17-CFA C30-PATA	CCA-LAMBADA CCB-BOSSANOVA CCE-PUNK C10-CFA C13-RD C17-CFA C23-SATA C30-PATA	CCE-PUNK CCH-MARIACHI CCI-RAP CCJ-RHYTHM CCK-MARIMBA CCL-CAPELLA C10-CFA C13-RD C17-CFA C23-SATA C30-PATA	CCH-MARIACHI CCI-RAP CCJ-RHYTHM CCK-MARIMBA CCL-CAPELLA C23-SATA C40-SCFA C42-SATA
Video/Graphics	DVI-I Dual Screen • VGA D-Sub (Option)		DVI-I Dual Screen • VGA D-Sub (Option) SDVO Secondary Digital Video Port (Option DVI-D on Mezzanine Card)	
Front Panel I/O	DVI-I (Option VGA) 1 x Gigabit Ethernet • 2 x USB	DVI-I (Option VGA) • 2 x Gigabit Ethernet • 2 x USB		
Rear I/O Transition Module Rear I/O Options	CCR-RIO Module IDE • 2 x USB • VGA Video Gigabit -Ethernet PS/2 KB/MS • RS-232 • GPIO	CCT-RIO Module 2 x SATA internally, 1 x eSATA Back Panel • 2 x USB Back Panel, 1 x USB internally VGA Video (BIOS Selectable) • Gigabit-Ethernet (BIOS Selectable) PS/2 KB/MS • COM/RS-232 • GPIO		
System Management	○		iAMT	

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	CC9-SAMBA	CCD-CALYPSO	CCG-RUMBA	CCM-BOOGIE
PCMark2002 CPU/MEM	6143/10609 4745/8489 3386/3274 1986/2645	tbd	tbd	tbd

boards.

systems.

solutions.