

Computer-On-Modules

RoHS Compliant This product is RoHS compliant.

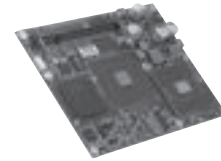
congatec CONGA-CA COM EXPRESS COMPACT MODULE BASED ON INTEL® ATOM™ PROCESSOR Z5XX SERIES

The Industry's First COM Express Module Based on Intel's Menlow Platform

The conga-CA is a COM Express™ Type 2 pinout module that features Intel® Atom™ Z5xx series processors with an Intel® System Controller Hub US15W in a compact 95x95mm size form factor.

The conga-CA is equipped with the congatec Embedded BIOS and supports the following features:

- ACPI 3.0 Power Management
- Supports Customer Specific CMOS Defaults
- BIOS Setup Data Backup
- Fast Mode IFC Bus
- ACPI Battery Support
- Multistage Watchdog
- Manufacturing Data and Board Information



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conga-CA

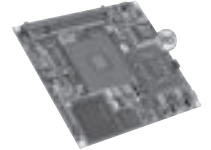
MOUSER STOCK NO.	congatec Part No.	Article Description	Description	Price Each	
				1	5
787-87477	87477	conga-CA/Z510-512	Intel® Atom™ Z510 processor 1.1GHz, 512kB L2-Cache, 400MHz FSB and 512MB DDR2	328.02	318.78
787-33321	33321	conga-CA/Z530-1G PCIe	Intel® Atom™ Z530we0 processor 1.6GHz, 512kB L2-Cache, 533MHz FSB and 1GB DDR2	450.14	437.46
conga-CA945					
787-62626	62626	conga-CA945/N270	Intel® Atom N270 (SC) 1.6GHz CPU, 512kB L2-Cache and 533MHz FSB, supports up to 2GB SO-DIMM DDR2 533MT/s PC2-4200 physical memory	319.50	310.50
787-21441	21441	conga-CA945/HSP-B	Standard heatspreader for COM Express Compact module conga-CA945. All stand-offs are with 2.7mm bore hole	35.50	34.50
conga-BA945					
787-41400	41400	conga-BA945/N270	COM Express Basic module with Intel 945GME and Intel Atom N270 with 1.6GHz, 512kB L2-Cache and 533MHz FSB	395.16	381.81
787-42755	42755	conga-BA945/HSP-B	Heatspreader for COM-Express-Basic-Module conga-BA945/N270 Standoff with 2.7mm bore hole	42.60	41.40

congatec XTX EMBEDDED CPU MODULES WITH 4 PCI EXPRESS LANES AND SATA

The conga-X915 features Intel® Pentium® M processors up to 2.0 GHz with 2 MByte cache.

The conga-B945 is equipped with the congatec Embedded BIOS and supports the following features:

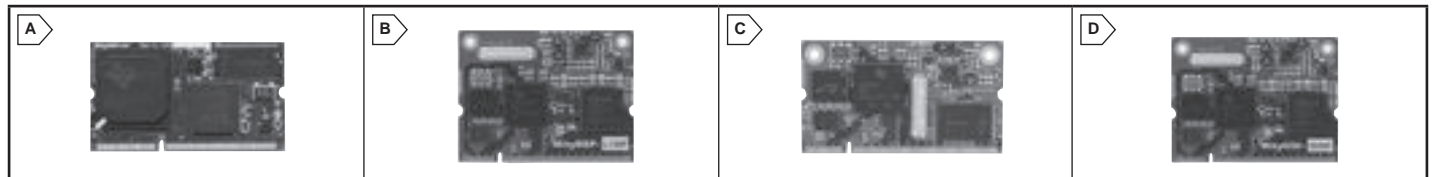
- ACPI Power Management
- Multistage Watchdog
- BIOS Setup Data Backup
- Console Redirection and BIOS Update (flashing BIOS) via Serial Port
- ACPI Battery Support
- Manufacturing Data and Board Information
- Fast Mode IFC Bus
- Real Headless Operation
- Supports Customer Specific CMOS Defaults



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XTX congatec-X945/X915 CPU Modules

MOUSER STOCK NO.	congatec Part No.	Article Description	Description	Price Each		
				1	10	25
Accessories						
787-87412	87412	DDR2-SODIMM-667 (1024MB)	1 GByte DDR2 SODIMM memory module	62.92	58.96	57.20
787-68712	68712	DDR2-SODIMM-667 (2048MB)	2 GByte DDR2 SODIMM memory module	118.69	111.22	107.90
787-62579	62579	conga-X915+X945/HSP-B	Heatspreader for conga-X915 and conga-X945 Standoff with 2.7mm bore hole	41.47	38.86	37.70
787-11278	11278	conga-X915+X945/HSP-T	Heatspreader for conga-X915 and conga-X945 Standoff with M2.5mm thread	41.47	38.86	37.70
787-24873	24873	conga-X915+X945/CSP-B	Standard passive cooling solution for XTX modules conga-X915/X945 surface black w/ 10mm fins bore hole standoffs	35.52	33.28	32.93
Evaluation Kits						
787-19482	19482	conga-Xeval	Evaluation baseboard for XTX-modules	499.07	467.66	453.70
787-57891	57891	conga-ITX/X	Baseboard for XTX-modules. Formfactor mini-ITX	436.15	408.70	396.50



CRITICAL LINK MITYDSP

The MityDSP platform is a high-performance, customizable system on module (SoM) featuring DSP, ARM, and/or FPGA.



MOUSER STOCK NO.	Critical Link Part No.	Fig	DSP Processor Series	DSP Clock Speed (MHz)	FPGA Processor Series	Flash	RAM	Operating Temperature (°C)	Price Each
914-6711-AA-1X1-RC	6711-AA-1X1-RC	-	TMS320C6711	200	Xilinx XC3S400	2	8	0 to 70	339.00
914-6711-AB-3X3-RC	6711-AB-3X3-RC	A	TMS320C6711	200	Xilinx XC3S1000	16	32	0 to 70	399.00
914-6455-JE-3X5-RC	6455-JE-3X5-RC	A	TMS320C6455	1200	Xilinx XC3S4000	16	128	0 to 70	1299.00

MOUSER STOCK NO.	Critical Link Part No.	Fig	DSP Processor Series	DSP Clock Speed (MHz)	ARM Processor Series	Flash	RAM	Operating Temperature	Price Each
914-L138-FX-225-RC	L138-FX-225-RC	B	OMAP-L138	456	ARM926EJ-S	256	128	0 to 70	199.00

CRITICAL LINK MITYARM



MOUSER STOCK NO.	Critical Link Part No.	Fig	ARM Processor Series	ARM Clock Speed (MHz)	FPGA Processor Series	Flash	RAM	Operating Temperature	Price Each
914-1810-DG-225-RC	1810-DG-225-RC	C	AM1810	375	Xilinx XC6SLX16	258	128	0 to 70	289.00
914-1810-DX-225-RC	1810-DX-225-RC	C	AM1810	375	Xilinx XC6SLX16	258	128	0 to 70	289.00
914-1808-FG-225-RC	1808-FG-225-RC	D	AM1808	456	Xilinx XC6SLX16	258	128	0 to 70	279.00
914-1808-FX-225-RC	1808-FX-225-RC	D	AM1808	456	Xilinx XC6SLX16	258	128	0 to 70	179.00

CRITICAL LINK DEVELOPMENT TOOLS



MOUSER STOCK NO.	Critical Link Part No.	Description	Price Each
914-80-000315	80-000315	Development Kit, MityARM-1808F (1808-FG-225-RC)	749.00
914-80-000317	80-000317	Development Kit, MityARM-1808 (1808-FX-225-RC)	749.00
914-80-000348	80-000348	Development Kit, MityARM 1810/AM1810 PROFIBUS (1810-DX-225-RC)	749.00
914-80-000320	80-000320	Development Kit, MityARM 1810F/AM1810 PROFIBUS (1810-DG-225-RC)	749.00
914-80-000334	80-000334	Development Kit, MityDSP (L138-FX-225-RC)	749.00
914-80-000395	80-000395	Development Kit, MityDSP (L138FG-225-RC)	749.00
914-80-000346	80-000346	Development Kit, MityDSP-XMF (6711-AA-1X1-RC)	1494.00
914-80-000347	80-000347	Development Kit, MityDSP-Pro (6455-JE-3X5-RC)	2494.00