

# SYSTEMS EXPRESS

WHEN SYSTEMS ARE REQUIRED...**FAST!**

## GET "EXPRESS" SERVICE ON YOUR SYSTEMS: STANDARD SOLUTIONS DELIVERED FAST

Pentair Technical Products' Schroff™ brand Systems Express program offers rapid solutions for product needs. We offer over 60 standard systems shipped in as few as two weeks.

## LOCAL CAPABILITIES BACKED BY AN EXTENSIVE GLOBAL NETWORK

Schroff is uniquely positioned to support all of your Systems needs. With a wide variety of Systems solutions and a global reach, you can rely on Schroff to solve your design requirements.

### INDUSTRIES

- Telecommunications
- Defense
- Test & measurement
- Transportation
- Medical
- Aerospace
- Industrial automation

### SELECTING YOUR SOLUTION

1. Choose from our extensive line of qualifying products in this document.
2. For a complete list of all available systems products, visit us on the web at [schroff.us](http://schroff.us)
3. Contact your local sales representative and we'll do the rest—fast.

Don't know who your sales representative is?  
Visit [pentairprotect.com](http://pentairprotect.com)

## ADVANTAGES AND FEATURES

- Units shipped in as few as 2 weeks
- Broad range of Systems available
- Customization services after you receive and test your seed units, customization services are available to meet your unique needs—including cut-outs, screen printing, assembly and more
- Local and global product support
- Design and engineering technical assistance



## TRUSTED TO PROTECT PERFORMANCE WORLDWIDE

The technical pioneer and innovation leader for over 60 years, Pentair Technical Products' Schroff brand offers an industry-leading range of standard and engineered enclosures and cooling solutions, trusted to protect system performance and vital electronic and electrical equipment in applications worldwide. To contact your local Schroff representative or learn more, visit [pentairprotect.com](http://pentairprotect.com)

## A WIDE VARIETY OF RELIABLE SYSTEMS PRODUCTS

Select from a broad range of Systems products to meet your application requirements.



VME64X

MTCA

VME

ATCA

COMPACT PCI



AdvancedTCA									
Catalog No.	Bus Architecture	Height (U)	Chassis Style	# Slots	Backplane	Rear I/O	Transmission Rate (Gbps)	Cooling per Slot (w)	Power Input
11596-090	AdvancedTCA	2	84HP/19"	2	15x Replicated Mesh, Hub/Hub Configuration, Bussed IPMB	Yes	40	200	DC <sup>1</sup>
11596-107	AdvancedTCA	2	84HP/19"	2	15x Replicated Mesh, Node/Node Configuration, Bussed IPMB	Yes	40	200	DC <sup>1</sup>
11596-160	AdvancedTCA	5	84HP/19"	6	3x Replicated Mesh, Bussed IPMB	Yes	40	300	DC
11596-161	AdvancedTCA	5	84HP/19"	6	3x Replicated Mesh, Radial IPMB	Yes	40	300	DC
11990-060	AdvancedTCA	6	84HP/19"	6	3x Replicated Mesh, Bussed IPMB	Yes	40	300	AC <sup>2</sup>
11990-061	AdvancedTCA	6	84HP/19"	6	3x Replicated Mesh, Radial IPMB	Yes	40	300	AC <sup>2</sup>
11990-202	AdvancedTCA	6	84HP/19"	6	3x Replicated Mesh, Bussed IPMB	Yes	40	450	DC
11990-203	AdvancedTCA	6	84HP/19"	6	3x Replicated Mesh, Radial IPMB	Yes	40	450	DC
11990-204	AdvancedTCA	6	84HP/19"	6	3x Replicated Mesh, Bussed IPMB	Yes	40	450	AC <sup>2</sup>
11990-205	AdvancedTCA	6	84HP/19"	6	3x Replicated Mesh, Radial IPMB	Yes	40	450	AC <sup>2</sup>
11990-100	AdvancedTCA	14	84HP/19"	14	Dual Star, Bussed IPMB	Yes	40	450	DC
11990-101	AdvancedTCA	14	84HP/19"	14	Dual Star, Radial IPMB	Yes	40	450	DC
11990-102	AdvancedTCA	14	84HP/19"	14	Dual-Dual Star, Bussed IPMB	Yes	40	450	DC
11990-103	AdvancedTCA	14	84HP/19"	14	Dual-Dual Star, Radial IPMB	Yes	40	450	DC
11990-600	AdvancedTCA	13	84HP/19"	14	Dual Star, Bussed IPMB	Yes	40	300	DC
11990-601	AdvancedTCA	13	84HP/19"	14	Dual Star, Radial IPMB	Yes	40	300	DC
11990-603	AdvancedTCA	13	84HP/19"	14	Full Mesh, Radial IPMB	Yes	40	300	DC
11990-604	AdvancedTCA	14	84HP/19"	14	Dual Star, Bussed IPMB	Yes	40	300	AC <sup>2</sup>
11990-605	AdvancedTCA	14	84HP/19"	14	Dual Star, Radial IPMB	Yes	40	300	AC <sup>2</sup>
11990-704	AdvancedTCA	3	84HP/19"	2	15x Replicated Mesh, Hub/Hub Configuration, Bussed IPMB	Yes	40	450	DC
11990-705	AdvancedTCA	3	84HP/19"	2	15x Replicated Mesh, Hub/Hub Configuration, Bussed IPMB	Yes	40	450	AC
11990-706	AdvancedTCA	3	84HP/19"	2	15x Replicated Mesh, Node/Node Configuration, Bussed IPMB	Yes	40	450	DC
11990-707	AdvancedTCA	3	84HP/19"	2	15x Replicated Mesh, Node/Node Configuration, Bussed IPMB	Yes	40	450	AC

**ATCA Systems Accessories & Power Supply Units**

- <sup>1</sup> 21596-370 - Optional AC power supply unit for rear transition module
- <sup>2</sup> 21990-286 - Pluggable AC power supply unit for ATCA chassis
- 21596-300 - Shelf Manager (Bussed)
- 21596-301 - Shelf Manager (Radial)

MicroTCA								
Catalog No.	Bus Architecture	Height (U)	Chassis Style	# Slots	AMC Size	MCH Slots	Power Input	Power Supply
10849-005	MicroTCA.0	6	84HP/19"	9	Single Full-size	2	DC <sup>1,2</sup>	2 PM slots
11850-011	MicroTCA.0	3	84HP/19"	10	Single Full-size and Double Full-size	2	DC <sup>1,2</sup>	2 PM slots
11850-018	MicroTCA.0	4	84HP/19"	12	Single Mid-size	2	DC <sup>1,2</sup>	2 PM slots
11850-020	MicroTCA.1	5	Cube	6	Double Full-size and Double Mid-size	1	AC	300W Pluggable, Included
11850-021	MicroTCA.4	5	Cube	7	Double Mid-size + 1 Double Full-size	1	AC <sup>3</sup> or DC <sup>1,2</sup>	1 PM slots
11850-023	AMC	1	Pico	2	Single Full-size or Mid-size	N/A	AC	150W Embedded
11850-024	MicroTCA.0	1	84HP/19"	6	Single Mid-size	1	AC	400W Embedded
11850-025	MicroTCA.0	1	84HP/19"	6	Single Mid-size	1	AC	400W Embedded
11850-026	MicroTCA.4	9	84HP/19"	12	Double Mid-size	2	AC <sup>3</sup> or DC <sup>1</sup>	2 PM slots
21850-045	MicroTCA.0	N/A	Cube	4	Single, Full-size	1	AC	250W Embedded
21850-046	MicroTCA.0	N/A	Cube	4	Single, Full-size	1	AC	250W Embedded
21850-081	MicroTCA.0	N/A	Cube	4	Single, Full-size	1	AC	250W Embedded

**MTCA Systems Accessories & Power Modules**

- <sup>1</sup> 21596-571 - MicroTCA Power Module, Single Full-size, 12V DC, 40A
- <sup>2</sup> 21596-572 - MicroTCA Power Module, Single Full-size, 12V DC, 80A
- <sup>3</sup> 11098-438 - MicroTCA Power Module, Double Full-size, AC Input 550W

CompactPCI									
Catalog No.	Bus Architecture	Height (U)	Chassis Style	# Slots	Backplane	Rear I/O	System Slot	Power Input	Power Supply
24579-026	CompactPCI	7	84HP/19"	8	6U, 64 Bit, cPCI	Yes	Right	AC	300W Embedded
24579-028	CompactPCI	10	84HP/19"	16	6U, 64 Bit, PSB	Yes	Left & Right	AC <sup>1</sup>	2 Included, 4 Slots
24579-030	CompactPCI	6	84HP/19"	8	6U, 64 Bit, cPCI	Yes	Right	AC	300W Embedded
24579-077	CompactPCI	1	84HP/19"	2	6U, 64 Bit, cPCI	Yes	Left	AC	250W Embedded
24579-078	CompactPCI	1	84HP/19"	2	6U, 64 Bit, cPCI	Yes	Left	AC <sup>1</sup>	1 Slot
24579-079	CompactPCI	3	84HP/19"	6	6U, 64 Bit, cPCI	Yes	Left	AC	300W Embedded
24579-080	CompactPCI	3	84HP/19"	6	6U, 64 Bit, cPCI	Yes	Left	AC <sup>1</sup>	3 slots
24579-081	CompactPCI	2	84HP/19"	4	6U, 64 Bit, cPCI	Yes	Left	AC	250W Embedded
24579-082	CompactPCI	2	84HP/19"	4	6U, 64 Bit, cPCI	Yes	Left	AC <sup>1</sup>	2 Slots
24579-106	CompactPCI	4	84HP/19"	8	6U, 64 Bit, cPCI	Yes	Left	AC <sup>1</sup>	4 Slots
24579-135	CompactPCI	4	84HP/19"	8	6U, 64 Bit, PSB	Yes	Left	AC <sup>1</sup>	4 Slots
24579-260	CompactPCI	4	84HP/19"	8	3U, 32 Bit, cPCI	Yes	Right	AC	250W Included
24579-405	CompactPCI	4	84HP/19"	4+4	3U, 32 Bit, cPCI PlusIO	Yes	Right	AC	300W Embedded
24579-415	CompactPCI Serial	4	84HP/19"	9	3U, cPCI Serial	No	Left	AC	300W Embedded
24579-420	CompactPCI Serial	4	84HP/19"	9	3U, cPCI Serial	Yes	Left	AC	300W Embedded
24579-602	CompactPCI	4	Tabletop	8	3U, 32 Bit, cPCI	Yes	Right	AC	300W Embedded

#### CPCI Systems Accessories & Power Supply Units

<sup>1</sup> 13100-141 - Pluggable PSU, AC Input, 250W

VME & VME64x									
Catalog No.	Bus Architecture	Height (U)	Chassis Style	# Slots	Backplane	MCH	Power Input	Power Supply	
20836-310	VME	3	84HP/19"	5	J1/J2 Monolithic	Yes	AC	250W Embedded	
20836-415	VME	4	84HP/19"	8	J1/J2 Monolithic	Yes	AC	350W Embedded	
20836-715	VME	7	84HP/19"	12	J1/J2 Monolithic	Yes	AC	350W Embedded	
20836-815	VME	8	84HP/19"	21	J1/J2 Monolithic	Yes	AC	600W Embedded	
20836-145	VME64x	1	84HP/19"	2	P0	Yes	AC	250W Embedded	
20836-245	VME64x	2	84HP/19"	4	P0	Yes	AC <sup>1</sup>	2 slots	
20836-416	VME64x	4	84HP/19"	8	w/o P0	Yes	AC	400W Embedded	
20836-717	VME64x	7	84HP/19"	12	w/o P0	Yes	AC	600W Embedded	
20836-820	VME64x	8	84HP/19"	21	P0	Yes	AC	600W Embedded	
20836-220	VME64x	10	84HP/19"	21	P0	Yes	AC	1000W Embedded	
10836-045	VME64x	N/A	Tower	7	w/o P0	Yes	AC <sup>1</sup>	1 Included, 2 Slots	

#### VME & VME64x Systems Accessories & Power Supply Units

<sup>1</sup> 13100-141 - Pluggable PSU, AC Input, 250W

