C-BOX

Product Specification Sheet
Cross-reference: nVent SCHROFF 24579-405

24579-405

CPCI PlusIO System With ATX PSU, 4 U, 8 Slot

Rack height	4 U	**Net weight**	11.4 kg
Depth	275.0 mm	**Standard**	PICMG 2.30 R1.0
Height	177.0 mm		

Full specification

Product Type	System
Number of Slots	8
Type	19" Rack Mount
Backplane Type	3 U, 4 Slot CompactPCI and 4 Slot CompactPCI Serial
Data Transfer	32-bit PCI Bus; PCIe Gen2
Power per Slot	40W
Input Voltage AC	100 – 240V
Airflow Direction	Bottom to Top
Rack Height	4U
Power Supply Type	(1) ATX PSU
Power Supply Included	Yes
Rear I/O	Yes
Complies With	PICMG 2.30 R1.0
Depth	275mm
Height	177mm
Net Weight	11.4kg

Items delivered

No.	Item	Qty
1	Shielded 19" chassis, Al; perforated top cover and base plate; front handles	1
10	Front panel, front, 3 U, 4 HP, removable, to expand system slot to 8 HP	1
11	Front panel, rear, 3 U, 24 HP	1
12	Front panel, rear, 3 U, 48 HP	1
13	Cable harness to connect all system components	1
2	Front slot; IEEE guide rails, incl. ESD clips (ESD clips fitted to bottom front), for vertical boards (3 U, 160 mm deep)	8
3	Rear slot; IEEE guide rails, incl. ESD clips (ESD clips fitted to bottom), for vertical rear I/O boards (3 U, 80 mm deep)	3
4	Backplane for 3 U boards; 8 slots comprising 4 slots 32■bit CompactPCI plus 4 slots CompactPCI PlusIO (PICMG 2.30, part no. 23007■601)	1
5	ATX power supply, 300 W; 32 HP wide range input 100 ... 240 VAC, (3.3 V/28 A, 5 V/35 A, 12 V/22 A, ■12 V/0.8 A); IEC AC input module with socket; mains switch; fan	1
6	Hot■swap fan tray, extractable, 1 U, 2 × 12 VDC fan	1
7	Module to accomodate a slimline DVD drive unit	1
8	3 U, 8 HP module to accommodate a hard disk drive	1
9	Front panel, front, 3 U, 8 HP	1

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C-BOX Electronic Technology Co., Ltd. · 19″ rack systems, subracks, guide rails and custom sheet-metal chassis.
Request a quote or a custom variant: contact us via the email above.

Specification data compiled from manufacturer catalog data (2026-11-14). Values subject to change without notice; verify critical dimensions before final mechanical design.