C-BOX

Product Specification Sheet
Cross-reference: nVent SCHROFF 24579-028

24579-028

CPCI System With PSB, 10 U, 14 Slot

Rack height	10 U	**Net weight**	20.0 kg
Depth	275.0 mm	**Standard**	PICMG 2.0 R3.0
Height	443.7 mm		

Full specification

Product Type	System
Number of Slots	16
Type	19" Rack Mount
Backplane Type	6 U CompactPCI with PSB
Data Transfer	64-bit PCI Bus; GbE
Power per Slot	40W
Input Voltage AC	100 – 240V
Airflow Direction	Front to Rear
Rack Height	10U
Power Supply Type	(2) Pluggable AC PSU
Power Supply Included	Yes
Rear I/O	Yes
Complies With	PICMG 2.0 R3.0
Depth	275mm
Height	443.7mm
Net Weight	20kg
Package Quantity	1

Items delivered

No.	Item	Qty
1	Shielded 19" chassis, Al; perforated front panel to front and rear, 19" bracket in RAL 9006; remaining parts passivated in aluminium; front handles (RAL 9005)	1
10	Front panel, rear, 6 U, 8 HP	1
11	Front panel, front, 3 U, 4 HP, cover for optional CMM module space	2
12	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 (6 U, 160 mm deep)	16
3	Rear slot; IEEE guide rails, incl. ESD clips (ESD clips fitted to front bottom), for vertical mounting of rear I/O boards (6 U, 80 mm deep)	16
4	PSB backplane for 6 U boards, 64 bit, 2 fabric/switch slots, 14 node slots, 2 CompactPCI segments, system slot left and right; part no. 23006■610	1
5	19" compatible power supply, 300 W (3 U, 8 HP); part no. 13100■143	2
6	Extractable fan unit with filter mat, 3 fans, 24 VDC, 270 m3/h (160 cfm)	1
7	Front panel, front, 3 U, 8 HP, space for two further power supplies	2
8	DC switch on front	1
9	AC input (IEC connector), mains filter module, fuse, 6 U, 8 HP	1

www.c-box-tech.com · vincent_zhao@c-box-tech.com
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.