

RatiopacPRO AIR Desktop Case, Retrofittable Shielding



The nVent SCHROFF RatiopacPRO case provides electronics protection for 19" and individual electronic assemblies. This flexible and robust case is simple to convert from desktop to a 19" rack mount case and includes four different style options. This version of the case provides advanced cooling capabilities and a sleek design for desktop applications.

CERTIFICATIONS



FEATURES

Cases for individual assembly with 19" standard components or specific internal mounting, e.g. with mounting plate

Retrofittable EMC shielding

Version with cover strips, no visible screws

The case has 2 x 1/2 U clearances for ventilation beneath and above the board cage

For board depth 160 mm, 220 mm, 280 mm, and 340 mm (depending on case depth)

Symmetrical design, identical front and rear side

Conforms with DIN EN 62368-1

SPECIFICATIONS

Product Type:	Case
Type:	Case for Individual Electronic Components
EMC Shielding:	No (Retrofittable)
Product Family:	RatiopacPRO AIR

Table 1/3

Catalog Number	Rack Height	Rack Width	Depth	Package Quantity	Usable Height	Usable Width
24571-271	6U	63HP	435.5mm	1	245.7mm	326mm
24571-278	6U	84HP	255.5mm	1	245.7mm	432mm
24571-281	6U	84HP	315.5mm	1	245.7mm	432mm
24571-282	6U	84HP	375.5mm	1	245.7mm	432mm
24571-283	6U	84HP	435.5mm	1	245.7mm	432mm
24571-284	6U	84HP	495.5mm	1	245.7mm	432mm
24571-146	3U	28HP	255.5mm	1	112.3mm	148mm
24571-149	3U	28HP	315.5mm	1	112.3mm	148mm
24571-158	3U	42HP	255.5mm	1	112.3mm	219mm
24571-161	3U	42HP	315.5mm	1	112.3mm	219mm
24571-162	3U	42HP	375.5mm	1	112.3mm	219mm
24571-170	3U	63HP	255.5mm	1	112.3mm	326mm
24571-173	3U	63HP	315.5mm	1	112.3mm	326mm
24571-174	3U	63HP	375.5mm	1	112.3mm	326mm
24571-175	3U	63HP	435.5mm	1	112.3mm	326mm
24571-182	3U	84HP	255.5mm	1	112.3mm	432mm
24571-185	3U	84HP	315.5mm	1	112.3mm	432mm
24571-186	3U	84HP	375.5mm	1	112.3mm	432mm

CatalogNumber	Rack Height	Rack Width	Depth	Package Quantity	Usable Height	Usable Width
24571-187	3U	84HP	435.5mm	1	112.3mm	432mm
24571-188	3U	84HP	495.5mm	1	112.3mm	432mm
24571-194	4U	28HP	255.5mm	1	156.8mm	148mm
24571-197	4U	28HP	315.5mm	1	156.8mm	148mm
24571-206	4U	42HP	255.5mm	1	156.8mm	219mm
24571-209	4U	42HP	315.5mm	1	156.8mm	219mm
24571-210	4U	42HP	375.5mm	1	156.8mm	219mm
24571-218	4U	63HP	255.5mm	1	156.8mm	326mm
24571-221	4U	63HP	315.5mm	1	156.8mm	326mm
24571-222	4U	63HP	375.5mm	1	156.8mm	326mm
24571-223	4U	63HP	435.5mm	1	156.8mm	326mm
24571-230	4U	84HP	255.5mm	1	156.8mm	432mm
24571-233	4U	84HP	315.5mm	1	156.8mm	432mm
24571-234	4U	84HP	375.5mm	1	156.8mm	432mm
24571-235	4U	84HP	435.5mm	1	156.8mm	432mm
24571-236	4U	84HP	495.5mm	1	156.8mm	432mm
24571-242	6U	28HP	255.5mm	1	245.7mm	148mm
24571-245	6U	28HP	315.5mm	1	245.7mm	148mm

CatalogNumber	Rack Height	Rack Width	Depth	Package Quantity	Usable Height	Usable Width
24571-254	6U	42HP	255.5mm	1	245.7mm	219mm
24571-257	6U	42HP	315.5mm	1	245.7mm	219mm
24571-258	6U	42HP	375.5mm	1	245.7mm	219mm
24571-266	6U	63HP	255.5mm	1	245.7mm	326mm
24571-269	6U	63HP	315.5mm	1	245.7mm	326mm
24571-270	6U	63HP	375.5mm	1	245.7mm	326mm

Table 2/3

Catalog Number	Front Frame Construction	Cooling Option	Complies With	Finish	Height	Material
24571-271	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	310.35mm	Aluminum
24571-278	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	310.35mm	Aluminum
24571-281	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	310.35mm	Aluminum
24571-282	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	310.35mm	Aluminum

CatalogNumber	Front Frame Construction	Cooling Option	Complies With	Finish	Height	Material
24571-283	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	310.35mm	Aluminum
24571-284	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	310.35mm	Aluminum
24571-146	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	177mm	Aluminum
24571-149	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	177mm	Aluminum
24571-158	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	177mm	Aluminum
24571-161	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	177mm	Aluminum
24571-162	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	177mm	Aluminum

CatalogNumber	Front Frame Construction	Cooling Option	Complies With	Finish	Height	Material
24571-170	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	177mm	Aluminum
24571-173	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	177mm	Aluminum
24571-174	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	177mm	Aluminum
24571-175	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	177mm	Aluminum
24571-182	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	177mm	Aluminum
24571-185	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	177mm	Aluminum
24571-186	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	177mm	Aluminum

CatalogNumber	Front Frame Construction	Cooling Option	Complies With	Finish	Height	Material
24571-187	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	177mm	Aluminum
24571-188	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	177mm	Aluminum
24571-194	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	221.5mm	Aluminum
24571-197	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	221.5mm	Aluminum
24571-206	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	221.5mm	Aluminum
24571-209	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	221.5mm	Aluminum
24571-210	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	221.5mm	Aluminum

CatalogNumber	Front Frame Construction	Cooling Option	Complies With	Finish	Height	Material
24571-218	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	221.5mm	Aluminum
24571-221	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	221.5mm	Aluminum
24571-222	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	221.5mm	Aluminum
24571-223	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	221.5mm	Aluminum
24571-230	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	221.5mm	Aluminum
24571-233	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	221.5mm	Aluminum
24571-234	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	221.5mm	Aluminum

CatalogNumber	Front Frame Construction	Cooling Option	Complies With	Finish	Height	Material
24571-235	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	221.5mm	Aluminum
24571-236	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	221.5mm	Aluminum
24571-242	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	310.35mm	Aluminum
24571-245	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	310.35mm	Aluminum
24571-254	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	310.35mm	Aluminum
24571-257	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	310.35mm	Aluminum
24571-258	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	310.35mm	Aluminum

CatalogNumber	Front Frame Construction	Cooling Option	Complies With	Finish	Height	Material
24571-266	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	310.35mm	Aluminum
24571-269	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	310.35mm	Aluminum
24571-270	Side Trim, Horizontal Rails	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	Passivated, Powder Coated	310.35mm	Aluminum

Table 3/3

Catalog Number	Protection Rating	Static Load	Width	Quick Ship
24571-271	IP20	25kg	342.4mm	No
24571-278	IP20	25kg	448.9mm	No
24571-281	IP20	25kg	448.9mm	No
24571-282	IP20	25kg	448.9mm	No
24571-283	IP20	25kg	448.9mm	No
24571-284	IP20	25kg	448.9mm	No
24571-146	IP20	25kg	164.4mm	No
24571-149	IP20	25kg	164.4mm	No
24571-158	IP20	25kg	235.5mm	No
24571-161	IP20	25kg	235.5mm	No

Catalog Number	Protection Rating	Static Load	Width	Quick Ship
24571-162	IP20	25kg	235.5mm	No
24571-170	IP20	25kg	342.4mm	No
24571-173	IP20	25kg	342.4mm	No
24571-174	IP20	25kg	342.4mm	No
24571-175	IP20	25kg	342.4mm	No
24571-182	IP20	25kg	448.9mm	No
24571-185	IP20	25kg	448.9mm	No
24571-186	IP20	25kg	448.9mm	No
24571-187	IP20	25kg	448.9mm	No
24571-188	IP20	25kg	448.9mm	No
24571-194	IP20	25kg	164.4mm	No
24571-197	IP20	25kg	164.4mm	No
24571-206	IP20	25kg	235.5mm	No
24571-209	IP20	25kg	235.5mm	No
24571-210	IP20	25kg	235.5mm	No
24571-218	IP20	25kg	342.4mm	No
24571-221	IP20	25kg	342.4mm	No
24571-222	IP20	25kg	342.4mm	No

Catalog Number	Protection Rating	Static Load	Width	Quick Ship
24571-223	IP20	25kg	342.4mm	No
24571-230	IP20	25kg	448.9mm	No
24571-233	IP20	25kg	448.9mm	No
24571-234	IP20	25kg	448.9mm	No
24571-235	IP20	25kg	448.9mm	No
24571-236	IP20	25kg	448.9mm	No
24571-242	IP20	25kg	164.4mm	No
24571-245	IP20	25kg	164.4mm	No
24571-254	IP20	25kg	235.5mm	No
24571-257	IP20	25kg	235.5mm	No
24571-258	IP20	25kg	235.5mm	No
24571-266	IP20	25kg	342.4mm	No
24571-269	IP20	25kg	342.4mm	No
24571-270	IP20	25kg	342.4mm	No

ADDITIONAL PRODUCT DETAILS

Modifications (special colours or sizes).

Custom solutions (cut-outs in top cover, base plate or side panels).

Assembly service from 1 piece.

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper

installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

North America

All locations
+1.763.422.2661
Chat with us:
nvent.com/schroff

Europe

Straubenhardt, Germany
+49.7082.794.0
Betschdorf, France
+33.3.88.90.64.90
Warsaw, Poland
+48.22.209.98.35
Assago, Italy
+39.02.932.7141
Chat with us:
nvent.com/schroff

Asia

Shanghai, China
+86.21.2412.6943
Qingdao, China
+86.532.8771.6101
Singapore
+65.6768.5800
Shin-Yokohama, Japan
+81.45.476.0271
Chat with us:
nvent.com/schroff

Middle East & India

Dubai, United Arab Emirates
+971.4.378.1700
Bangalore, India
+91.80.6715.2001
Istanbul, Turkey
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