

# RatiopacPRO 19" Rack Mount Case, Retrofittable Shielding With Handles



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 mounting brackets and handles for assembly into a 19" rack.

## CERTIFICATIONS



## FEATURES

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

Designed for insertion/extractor handles in accordance with IEC 60297-3-102 and IEEE 1101.10 for CompactPCI and VME64x applications

Version with 19" mounting brackets with front handles

Retrofittable EMC shielding

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

No visible screws; cladding parts removable without tools

Symmetrical design, identical front and rear side

Conforms with DIN EN 62368-1

## SPECIFICATIONS

|                       |                                           |
|-----------------------|-------------------------------------------|
| <b>Rack Width:</b>    | 84HP                                      |
| <b>Product Type:</b>  | Case                                      |
| <b>Type:</b>          | Case for Individual Electronic Components |
| <b>EMC Shielding:</b> | No (Retrofittable)                        |

Table 1/3

| Catalog Number | Rack Height | Depth   | Package Quantity | Usable Height | Usable Width | Front Frame Construction                             |
|----------------|-------------|---------|------------------|---------------|--------------|------------------------------------------------------|
| 24572-620      | 2U          | 255.5mm | 1                | 67.9mm        | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-623      | 2U          | 315.5mm | 1                | 67.9mm        | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-624      | 2U          | 375.5mm | 1                | 67.9mm        | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-625      | 2U          | 435.5mm | 1                | 67.9mm        | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-626      | 2U          | 495.5mm | 1                | 67.9mm        | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-630      | 3U          | 255.5mm | 1                | 112.3mm       | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-633      | 3U          | 315.5mm | 1                | 112.3mm       | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-634      | 3U          | 375.5mm | 1                | 112.3mm       | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-635      | 3U          | 435.5mm | 1                | 112.3mm       | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-636      | 3U          | 495.5mm | 1                | 112.3mm       | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |

| CatalogNumber | Rack Height | Depth   | Package Quantity | Usable Height | Usable Width | Front Frame Construction                             |
|---------------|-------------|---------|------------------|---------------|--------------|------------------------------------------------------|
| 24572-640     | 4U          | 255.5mm | 1                | 156.8mm       | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-643     | 4U          | 315.5mm | 1                | 156.8mm       | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-644     | 4U          | 375.5mm | 1                | 156.8mm       | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-645     | 4U          | 435.5mm | 1                | 156.8mm       | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-646     | 4U          | 495.5mm | 1                | 156.8mm       | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-660     | 6U          | 255.5mm | 1                | 245.7mm       | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-663     | 6U          | 315.5mm | 1                | 245.7mm       | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-664     | 6U          | 375.5mm | 1                | 245.7mm       | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-665     | 6U          | 435.5mm | 1                | 245.7mm       | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |
| 24572-666     | 6U          | 495.5mm | 1                | 245.7mm       | 432mm        | 19" Mounting Brackets with Handles, Horizontal Rails |

Table 2/3

| Catalog Number | Cooling Option | Complies With | Finish | Height | Material | Protection Rating |
|----------------|----------------|---------------|--------|--------|----------|-------------------|
|----------------|----------------|---------------|--------|--------|----------|-------------------|

|           |    |                                                                           |                           |         |          |      |
|-----------|----|---------------------------------------------------------------------------|---------------------------|---------|----------|------|
| 24572-620 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 88.1mm  | Aluminum | IP20 |
| 24572-623 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 88.1mm  | Aluminum | IP20 |
| 24572-624 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 88.1mm  | Aluminum | IP20 |
| 24572-625 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 88.1mm  | Aluminum | IP20 |
| 24572-626 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 88.1mm  | Aluminum | IP20 |
| 24572-630 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 132.6mm | Aluminum | IP20 |
| 24572-633 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 132.6mm | Aluminum | IP20 |
| 24572-634 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 132.6mm | Aluminum | IP20 |

|           |    |                                                                           |                           |         |          |      |
|-----------|----|---------------------------------------------------------------------------|---------------------------|---------|----------|------|
| 24572-635 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 132.6mm | Aluminum | IP20 |
| 24572-636 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 132.6mm | Aluminum | IP20 |
| 24572-640 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 177mm   | Aluminum | IP20 |
| 24572-643 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 177mm   | Aluminum | IP20 |
| 24572-644 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 177mm   | Aluminum | IP20 |
| 24572-645 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 177mm   | Aluminum | IP20 |
| 24572-646 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 177mm   | Aluminum | IP20 |
| 24572-660 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 265.9mm | Aluminum | IP20 |

|           |    |                                                                           |                           |         |          |      |
|-----------|----|---------------------------------------------------------------------------|---------------------------|---------|----------|------|
| 24572-663 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 265.9mm | Aluminum | IP20 |
| 24572-664 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 265.9mm | Aluminum | IP20 |
| 24572-665 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 265.9mm | Aluminum | IP20 |
| 24572-666 | No | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | Passivated, Powder Coated | 265.9mm | Aluminum | IP20 |

Table 3/3

| Catalog Number | Static Load | Width   | Quick Ship |
|----------------|-------------|---------|------------|
| 24572-620      | 25kg        | 448.9mm | No         |
| 24572-623      | 25kg        | 448.9mm | No         |
| 24572-624      | 25kg        | 448.9mm | No         |
| 24572-625      | 25kg        | 448.9mm | No         |
| 24572-626      | 25kg        | 448.9mm | No         |
| 24572-630      | 25kg        | 448.9mm | No         |
| 24572-633      | 25kg        | 448.9mm | No         |
| 24572-634      | 25kg        | 448.9mm | No         |

| Catalog Number | Static Load | Width   | Quick Ship |
|----------------|-------------|---------|------------|
| 24572-635      | 25kg        | 448.9mm | No         |
| 24572-636      | 25kg        | 448.9mm | No         |
| 24572-640      | 25kg        | 448.9mm | No         |
| 24572-643      | 25kg        | 448.9mm | No         |
| 24572-644      | 25kg        | 448.9mm | No         |
| 24572-645      | 25kg        | 448.9mm | No         |
| 24572-646      | 25kg        | 448.9mm | No         |
| 24572-660      | 25kg        | 448.9mm | No         |
| 24572-663      | 25kg        | 448.9mm | No         |
| 24572-664      | 25kg        | 448.9mm | No         |
| 24572-665      | 25kg        | 448.9mm | No         |
| 24572-666      | 25kg        | 448.9mm | 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](http://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.

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