

TECHNICAL DATASHEET

DIGITUS • SERVER RACKS

DIGITUS Industrial IP55 42U 19" industrial network cabinet, 800 × 800 mm (W × D), grey

42U network rack indoor IP55 2100x800x800, incl. plinth, grey (RAL 7035)

SKU DN-19 42U-I-8/8-1

42U

Digitus



HEIGHT

42U

LOAD CAPACITY

1500 kg

EXTERNAL DIMENSIONS

2100 × 800 × 800 mm

PRICE

On request

REQUEST A QUOTATION ONLINE

serverinvest.com/product/digitus-dn-19-42u-i-8-8-1

01 Product overview

The DIGITUS industrial network cabinet is a free-standing 19-inch enclosure sealed to IP55 for harsh indoor environments such as production halls, workshops and warehouses. A polyurethane gasket system between door frame and profile frame, a closed rear door with filtered air inlet and PG cable glands keep dust and water jets out.

This 42U model (part number DN-19 42U-I-8/8-1) measures 2100 × 800 × 800 mm (H × W × D) and is finished in light grey (RAL 7035) electrostatic powder coating. It is equipped with a lockable safety-glass front door. The 19-inch mounting rails accept equipment with an installation depth of 160–660 mm. Rated load capacity is 1500 kg on the 19-inch profile rails. It is delivered fully assembled.

It is designed for industrial Ethernet, machine networking, building automation and other installations where standard IP20 network cabinets would be exposed to dust, moisture or splashing water. The corrosion-resistant profiles and 500-hour salt-spray test support a wide operating temperature range.

KEY SPECIFICATIONS

Manufacturer	DIGITUS (ASSMANN Electronic)
Part number	DN-19 42U-I-8/8-1
EAN	4016032371496
Series	Industrial IP55
Cabinet type	Industrial cabinet
Height (rack units)	42U
Mounting standard	483 mm (19")
External dimensions (H × W × D)	2100 × 800 × 800 mm
Width	800 mm
Depth	800 mm
Height	2100 mm
Load capacity	1500 kg

HIGHLIGHTS

- 42U 19" network enclosure, 800 × 800 mm footprint
- Lockable safety-glass front door
- Equipment installation depth 160–660 mm
- Load capacity 1500 kg
- IP55 protection, Light grey (RAL 7035)
- Supplied fully assembled



02 Full specifications

GENERAL

Manufacturer	DIGITUS (ASSMANN Electronic)
Part number	DN-19 42U-I-8/8-1
EAN	4016032371496
Series	Industrial IP55
Cabinet type	Industrial cabinet
Height (rack units)	42U
Mounting standard	483 mm (19")

DIMENSIONS

External dimensions (H × W × D)	2100 × 800 × 800 mm
Width	800 mm
Depth	800 mm
Height	2100 mm

LOAD

Load capacity	1500 kg
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DOORS & SECURITY

Front door	Glass door, single opening
Front door	Front door with complete metal frame and 4 mm strong tempered glass
Rear door	Closed steel rear door with filtered air inlet (250x250 mm)
Feature	Door structure is produced with multiple bending to obtain rigidity and strength
Door opening angle	130° door opening angle

CONSTRUCTION

Colour	Light grey (RAL 7035)
Material	1.5 - 2.0 mm strong steel sheet
Feature	Corner parts made out of E-160 material with aluminum injection molding, high resistance against corrosion
Feature	Profiles produced with DIN EN10142-2000 DX51 D+Z material provide high resistance against corrosion

PROTECTION

IP rating	IP55
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DELIVERY

Delivery state	Assembled
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FEATURES

Feature	Special gasketing system between metal frame and profile system made out of PUR (Polyurethane)
Side panels	Side panels with special fixing via countersunk bolt
Feature	Profile hole structure rotary inside

MOUNTING

19" rails	483 mm (19") profile rails mounted on the front- and rear side inside of the rack, galvanized
19" rails	483 mm (19") profile rails are adjustable in depth and with height unit marking
Equipment mounting depth min.-max.	160-660 mm

CABLE MANAGEMENT

Cable entry	Base chassis is equipped with sliding cable entry mechanism & PG cable entries (1x PG 48, 4x PG 21)
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COOLING

Roof Roof with screwed visual cover panel for lifting eye bolts

PACKAGE CONTENTS

Included Earthing wire set; Installation set (screws, cage nuts, washers); 2x Keys

LOGISTICS

Shipping weight 166.00 kg

03 Engineered, delivered & supported by ServerInvest

Engineering & sizing

Selected and sized against your real IT load, room and redundancy targets.

Installation

Delivery, installation and commissioning by our engineers across Europe.

Certified processes

ISO 9001, ISO 14001 and ISO 27001 certified project delivery.

Service & support

Maintenance, spare parts and support from a single partner.



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