

ZERAK™

19" Aluminum Double-Entry Rackmount Cases

SELECTION GUIDE

SELECT CASE SIZES AND OPTIONS. CUSTOM PARTS & BUILDS ARE AVAILABLE FOR QUESTIONS, CALL 1.800.959.5050 • FOR A QUOTE CALL, FAX OR EMAIL

STANDARD FEATURES

- Lightweight—32.6 lbs (4U model).
- Small Footprint—the combination of small footprint and light weight equate to lower shipping costs.
- Airtight, watertight MIL-SPEC case.
- 8 week delivery time.
- Recessed metal handles with rubberized grip.

- 21 standard configurations from 4U–10U sizes, and Body Depths of 27", 30" and 33", and Rack Depths of 24", 27" and 30".
- Removable 3" covers (front and rear) allow full accessibility while stacked.
- Integral stacking design for vertical and 90° stacking.

- Reinforced aluminum corner caps maximize protection.
- High-strength aluminum frame accommodates ANSI, EIA, metric, & custom equipment mounting configurations.
- Grounding strap.
- Like most ZERO products, the ZERAK™ can be customized to meet specific requirements.

BASE PART NUMBER

ZRK



U SIZE

- 04-4U
- 05-5U 08-8U
- 06-6U 09-9U
- 07-7U 10-10U

BODY & RACK FRAME DEPTH

- 2724-27" Body, 24" Frame
- 3027-30" Body, 27" Frame
- 3330-33" Body, 30" Frame

COVERS

- INTERIOR DEPTH
- 3-3"/76 mm
 - 5-5"/127 mm

SHOCK MOUNTS FOR EQUIPMENT WEIGHT

- 1-41 to 85 lbs (18 to 38 kg)
- 3-0 to 40 lbs (18 kg) MIL-STD-810 & MIL-PRF-28800
- 4-0 to 40 lbs (18 kg) MIL-T-28800

RACK HOLES EIA THREAD OPTIONS

- 1- #10-32
- 5-M5
- 6-M6

PRESSURE RELIEF

- N-None Required
- A-Auto Pressure Valve
- M-Manual Relief Valve

LIST OPTIONS IN ORDER SELECTED

OPTIONS

- B-Card Holder
- F-Coupling Straps (Requires P-Lifting Rings)
- G-Equipment Angles (Qty 2)
- H-Fixed Shelf
- J-Humidity Indicator
- M-Intermediate Rails (Qty 2)
- P-Lifting Rings* (Qty 4)
- S-Rack Slides (1 Pair)
- U-Sliding Shelf
- X-Storage Pouch in Rear Cover**
- 2-2U Sliding Drawer
- 3-3U Sliding Drawer
- 4-4U Sliding Drawer

THE ZERAK™ is an aluminum double entry case designed and engineered to provide a minimum of 40G protection for sensitive electronic equipment.

Based on the ZERAK's weight, size and price, no other 19" aluminum rackmount case offers this level of protection.

A smaller footprint and lighter weight delivers greater efficiency in transportation and usage.

This case meets the rigors of environmental conditions including temperature ranges, altitude, rain, sleet, snow, sand, and dust.

FINISH select one (1) finish code

Note: Container exterior and covers are painted and textured (inside and out). The inside center section and frame are not painted, but have a Chem Film finish.

POWDER COAT PAINT RECOMMENDED

- BK-Black 27038
- DB-Dark Blue 25045
- DS-Desert Sand 20372
- FG-Forest Green 24079
- GR-Gray 26307
- MB-Medium Blue 25190
- NG-NATO Green RAL6014
- OD-Olive Drab 24097
- OR-Orange 21400
- RD-Red 21105
- WH-White 27925
- YW-Yellow 23538

RHINOLINING™

- RB-Black
- RG-Gray

MIL-SPEC FINISHES

- A-No Finish.
- B-Chemical Film Per MIL-DTL-5541, Type I, Class 1A. Epoxy Primer per MIL-PRF-23377, Type I, Class C2.
- C-Same as B Plus Paint Light Gray Semi-Gloss Polyurethane Color #26307 of FED-STD-595.
- D-Same as B Plus Paint Light Gray Semi-Gloss Polyurethane Color #16307 of FED-STD-595.
- E-Wash Prime per DOD-P-15328 and Epoxy Primer per MIL-DTL-53022, Type II, Paint Polyurethane Yellow Gloss Color #13538 of FED-STD-595.
- F-Same as B Plus Paint Strata Blue Gloss Polyurethane Color #15045 of FED-STD-595.
- G-Same as B Plus Paint Green Semi-Gloss Polyurethane Color #24300 of FED-STD-595.

MIL-SPEC FINISHES cont.

- H-Same as B Plus Paint Olive Drab Semi-Gloss Polyurethane Color #24084 of FED-STD-595.
- J-Same as B Plus Paint Olive Drab Lusterless Polyurethane Color #34088 of FED-STD-595.
- K-Same as B Plus Paint Aliphatic Polyurethane Camouflage Coating (CARC) per MIL-DTL-53039, Type II, Color #383 Green, #34094 of FED-STD-595.
- S-Special Order—Please Specify.
- W-Chemical Film Per MIL-DTL-5541, Type I, Class 1A. Epoxy Primer per MIL-DTL-53022, Type II, or Water-base Epoxy Primer per MIL-DTL-53030, Type I. Paint with White Polyurethane Coating per MIL-PRF-85285, Type II, Class H, Color #17925 of FED-STD-595 or Epoxy Coating Per MIL-PRF-22750.
- UA-Chem Film per MIL-DTL-5541, Type I, Class 1A.

NOTES:

*Call to verify the application does not exceed the load carrying capacity of the lifting rings or case.

**Not available in 4U case sizes.

Stacking: 500 lbs (226.796) standard. For higher weights, call to verify weight and support needed.

STANDARD 40G PROTECTION

SHOCK PART NUMBER	EQUIPMENT LOAD RANGE	SHOCKS PER CASE	DROP SPECS
1	41-85 lbs (18-38 kg)	16	MIL-STD-810 & MIL-PRF-28800
3	0 to 40 lbs (18 kg)	16	MIL-STD-810 & MIL-PRF-28800
4	0 to 40 lbs (18 kg)	8	MIL-PRF-28800

EXAMPLE PART NUMBERS

ZRK10274-35FG3M1 = Forest Green (Powder Coat paint) case with 10U height, 27" deep body, 24" deep rack frame, 3" deep front cover, 5" deep rear cover, shock mounts for 0-40 lbs. equipment, manual pressure relief valve, and EIA #10-32 clip nuts for rack frame.

ZRK04330-53E1A5-BFMPX = Yellow (wet paint) case with 4U height, 33" deep body, 30" deep rack frame, 5" deep front cover, 3" deep rear cover, shock mounts for 41-85 lbs. equipment, automatic pressure relief valve, M5 clip nuts for rack frame, card holder, coupling straps, intermediate rails, lifting rings, storage pouch in rear cover.

HOW TO ORDER ZERAK CASES

Standard Cases:

Visit www.zerocases.com/contactSales.php to contact a representative or email orders@zerocases.com to order

Customized Cases:

Visit www.zerocases.com/contactSales.php to contact a representative and request a quote or email your RFQ to quotes@zerocases.com

ZERO MANUFACTURING, INC. | 500 West 200 North, North Salt Lake, Utah 84054 USA

Toll Free US 800-500-ZERO (9376) | Direct 801-298-5900 | Fax 801-299-7389 | Email sales@zerocases.com | Web www.zerocases.com

ZERO CASES (UK) LTD | Unit 5, Alpha Park | Bevan Way, Dartmouth Rd, Smethwick, West Midlands B66 1BZ UK

Phone +44 (0) 121 558 2011 | Fax +44 (0) 121 565 2115 | Email europesales@zerocases.com | Web www.zerocases.com

EIA UNITS in/mm	RACK DEPTH	CASE BODY EXTERNAL DIMENSIONS				WEIGHT WITH 3" Covers	ZERAK ZRK 4U-10U BASE PART NUMBER
		DEPTH	WIDTH	HEIGHT LESS Dimples	HEIGHT WITH Dimples		
4U 7.12"/181 mm	24.00" / 610 mm	26.56" / 675 mm	20.95" 532 mm	10.27" 261 mm	10.65" 271 mm	33 lb / 15 kg	ZRK042724-
	27.00" / 686 mm	29.56" / 751 mm				34 lb / 15 kg	ZRK043027-
	30.00" / 762 mm	32.56" / 827 mm				35 lb / 16 kg	ZRK043330-
5U 8.87"/225 mm	24.00" / 610 mm	26.56" / 675 mm	20.95" 532 mm	12.02" 305 mm	12.40" 315 mm	34 lb / 15 kg	ZRK052724-
	27.00" / 686 mm	29.56" / 751 mm				36 lb / 16 kg	ZRK053027-
	30.00" / 762 mm	32.56" / 827 mm				37 lb / 17 kg	ZRK053330-
6U 10.62"/270 mm	24.00" / 610 mm	26.56" / 675 mm	20.95" 532 mm	13.77" 350 mm	14.15" 3569mm	36 lb / 16 kg	ZRK062724-
	27.00" / 686 mm	29.56" / 751 mm				37 lb / 17 kg	ZRK063027-
	30.00" / 762 mm	32.56" / 827 mm				39 lb / 18 kg	ZRK063330-
7U 12.37"/314 mm	24.00" / 610 mm	26.56" / 675 mm	20.95" 532 mm	15.52" 394 mm	15.90" 404 mm	37 lb / 17 kg	ZRK072724-
	27.00" / 686 mm	29.56" / 751 mm				39 lb / 18 kg	ZRK073027-
	30.00" / 762 mm	32.56" / 827 mm				41 lb / 19 kg	ZRK073330-
8U 14.12"/359 mm	24.00" / 610 mm	26.56" / 675 mm	20.95" 532 mm	17.27" 439 mm	17.65" 448 mm	39 lb / 18 kg	ZRK082724-
	27.00" / 686 mm	29.56" / 751 mm				41 lb / 19 kg	ZRK083027-
	30.00" / 762 mm	32.56" / 827 mm				42 lb / 19 kg	ZRK083330-
9U 15.87"/403 mm	24.00" / 610 mm	26.56" / 675 mm	20.95" 532 mm	19.02" 483 mm	19.40" 493 mm	41 lb / 19 kg	ZRK092724-
	27.00" / 686 mm	29.56" / 751 mm				42 lb / 19 kg	ZRK093027-
	30.00" / 762 mm	32.56" / 827 mm				44 lb / 20 kg	ZRK093330-
10U 17.62"/448 mm	24.00" / 610 mm	26.56" / 675 mm	20.95" 532 mm	20.77" 528 mm	21.15" 537 mm	42 lb / 19 kg	ZRK102724-
	27.00" / 686 mm	29.56" / 751 mm				44 lb / 20 kg	ZRK103027-
	30.00" / 762 mm	32.56" / 827 mm				46 lb / 21 kg	ZRK103330-

ZERAK HARDWARE FEATURES



Recessed T-Latch permits quick accessibility to instruments for multiple cases in a stacked cabinet style. One half turn in either direction releases and secures covers.



Recessed Steel Handles are spring loaded with comfortable non-slip rubber cushion for added comfort and control, and have a 90° stop.



Storage Pouch of ballistic nylon fabric with zipper, mounts with velcro onto rear cover to store cables and parts.

*Not available in 4U case sizes.



Storage Drawers with lids are easy to install and provide secure storage. Select from 2U, 3U or 4U heights.



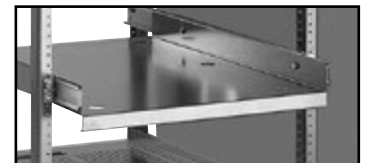
Straps connect stacked cases securely together. *Image for illustration only, actual straps may vary.*



Lifting and Tie Down Rings are available to secure cases. Call ZERO to determine the equipment load range and support needed.



Rack Slides Rails offer flexibility and access. Quantity: 2



Sliding Shelf is made of quality steel for strength and allows sliding of equipment out of the case for more convenient access to controls or connections.



Humidity Indicator **Auto Pressure Relief Valve**

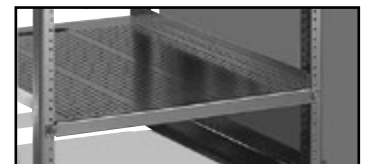


Concave & Convex Stacking Dimples

Matching Stacking Dimples mate with case surface to reduce sliding, to protect the case underside from ground and floor surfaces, and allow multiple configurations—vertical and 90 degree options.



Intermediate Rails have top and bottom attachment points for the side support rails. Quantity: 2



Fixed Shelf has front & rear attachment points for the side support rails.

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