

Payloads & Instruments — market benchmark

What an ordinary payloads & instruments article weighs, draws and takes to deliver, counted from every such product in the catalogue.

344

PRODUCTS

180

LISTING SOURCES

1.3 kg

MEDIAN MASS

\$3,600

MEDIAN PUBLISHED PRICE

Data as of 2026-08-02 11:04 UTC. Computed from the NewSpace Market catalogue — counted, not estimated — and checkable against the live listing.

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1. Technical parameters

PARAMETER	TYPICAL RANGE middle half of the market	MEDIAN	DISTRIBUTION bar = middle half, line = full spread	STATED BY
Mass, kg	0.263 – 16.5	1.3		83 of 344
Power, W	2.98 – 16	6.75		55 of 344
Payload capacity, kg	3.25 – 28.5	12.5		6 of 344 THIN
Gain, dB	1 – 4	2		7 of 344 THIN
Lead time, mo	3 – 12	6		25 of 344
Design life, yr	4 – 7	5		31 of 344
TRL	9	9		22 of 344
Radiation tolerance, krad	15 – 40	30		16 of 344
Largest dimension, mm	50 – 145	93		23 of 344
Data rate, Mbps	25.8 – 15 450	270		8 of 344 THIN
Published price, USD eq.	\$800 – \$3,900	\$3,600		5 of 344 THIN

2. Who lists the most in this category

Glavkosmos · 30

Dragonfly Aerospace · 8

Raptor Photonics · 7

Comat · 6

First Light Imaging · 6

Simera Sense · 6

AmbaSat · 6

Yuri · 5

Methodology. Statistics are computed from normalized specifications of catalogued products (subcategories included). The typical range is the middle half of the market — a quarter of products sit below it and a quarter above — which describes the ordinary article better than the extremes: a category may hold both a 12 g separation nut and a 120 kg dispenser. “Stated by” is how many catalogued products carry the parameter at all; rows marked *thin* rest on fewer than twelve and should be read as an indication. Prices are supplier-published list prices converted to USD at fixed rates (EUR 1.08, GBP 1.27); most space hardware is priced on request, so price coverage is partial by nature. Lead times are parsed from supplier-stated availability. License: CC BY 4.0 — free to cite with a link. Cite as “NewSpace Market Intelligence, 2026”.

About NewSpace Market

NewSpace Market is an open catalogue of the satellite supply chain: spacecraft hardware, subsystems, ground segment, launch services and the companies behind them — in one place, comparable, with the source of every figure a click away.

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WHERE THESE NUMBERS COME FROM

Every figure in this report is computed from catalogue records at the moment of publication — no surveys, no extrapolation. The same figures are live on the site, and each report is reissued monthly, with past editions kept.

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