






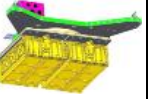

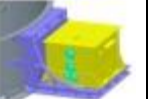
Volume (interface)	Payload Max Launch Mass	Orbits	Availability of Opportunities (H/M/L)	Launch Vehicles	LV Risk	Comments
--------------------	-------------------------	--------	---------------------------------------	-----------------	---------	----------

**CubeSats**

1U		10 x 10 x 11.35 cm	**1.33 kg	400-500km @ 51.6deg circ for ISS or Cygnus deploy  multiple for others	High	Antares/Cygnus or Falcon 9/Dragon	G	Certified; For med/low risk-tolerant payload
3U		12 x 12 x 36 cm	**5 kg					
6U		12 x 24 x 36 cm 12 x 12 x ~72 cm (ISS only)	**12 kg		Medium	Atlas V / Falcon 9	G	
12U		23 x 24 x 36 cm 12 x 24 x ~72 cm (ISS only)	**24 kg					

\*\*At the cost of flexibility in manifesting/integration, violation of these mass limits may be allowed. Contact the LSP POC listed below.

**Small Sat / CubeSat Constellations**

Surf Board		*two 3U dispensers *two 6U dispensers	50 kg	multiple	Low	Falcon 9	G	Certified; For low risk-tolerant payload
Aft Bulkhead Carrier		*51 x 51 x ~87 cm smallsat or CubeSat dispensers	80 kg	multiple	Low	Atlas V 	G	Certified; For low risk-tolerant payload (future "CubeSat Express" design may hold up to 200lb of CubeSats - currently at PDR level)
C-Adapter Platform		*23 x 31 x 33 cm smallsat	45 kg	multiple	Low	Atlas V / DeltaIV	G	Certified; For low risk-tolerant payload

\* see provider websites for updated interface details

LSP Point of Contact: Garrett Skrobot at 321-867-5365 or garrett.l.skrobot@nasa.gov