

3D Printed Rockets

By Edelio Taboada



Terran 1 Launch, March 23, 2023
[Image Source](#)

- The Terran 1 was developed by Relativity Space and is the first rocket to reach space with 3D printed parts
- 85% of the rocket was built using 3D Printed parts
- This is the largest ever 3D printed object
- 9 of its 10 Engines were 3D printed with the custom Stargate 3D Printer, a melter
- 3D Printing is extremely useful for Aerospace engineering where oftentimes parts are expensive, involve complex geometries, and there's a very limited quantity needed
- Terran R is the successor to the Terran 1 and it's mission is to be a reusable rocket that can perform over 20 trips
- The Terran R aims to be the first rocket to conduct a commercial flight to Mars

Read More:

<https://builtin.com/3d-printing/3d-printed-rocket>