

Advanced Additive Manufactured Chassis

ATR, Rugged, and Custom Solutions



Designed for UAS, UUV, Rotary-Wing Aircraft, Missile Defense, and Aerospace applications

Reduce Weight up to 45 % | **Improve Heat Dissipation** up to 15% | **FFF Replacement**
Zero Loss to structural integrity | **Rapid Prototype** in less than one week |
Enhanced EMI performance | **Exotic Material heat exchanger** in forced air chassis

Conventional ATR Chassis

203 x 183 x 219 mm

- Weight 7.75 kg
- T_{MIN} 70.7 °C (@ 500 W)
- T_{MAX} 82.8 °C (@ 500 W)
- u_{MAX} 0.65 mm (@ 5 bar)
- σ_{MAX} 1.41e9 N/m² (@ 5 bar)



New! Lightweight ATR Chassis

203 x 183 x 219 mm

- Weight 4.7 kg
- T_{MIN} 60.0 °C (@ 500 W)
- T_{MAX} 79.3 °C (@ 500 W)
- u_{MAX} 1.27 mm (@ 5 bar)
- σ_{MAX} 1.67e9 N/m² (@ 5 bar)

