

J-20B Mighty Dragon - 2020, WS-10C Engine

China

Type: Fighter

Min Speed: 350 kt

Max Speed: 920 kt

Commissioned: 2020

Length: 21.3 m

Wingspan: 12.9 m

Height: 4.5 m

Crew: 1

Empty Weight: 19400 kg

Max Weight: 37000 kg

Max Payload: 4500 kg

Propulsion: 2x WS-10C

Sensors / EW: - China BM/KJ 8602C - (RW 1045) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- J-20 AESA - (Type 1475/KLJ5?, LPI) Radar, Radar, FCR, Air-to-Air & Air-to-Surface, Long-Range, Max range: 370.4 km
- Generic DECM [Advanced] - (1990s) ECM, DECM, Defensive ECM, Max range: 0 km
- EORD-31 IRST - (3rd Gen Imaging) Infrared, IRST, Imaging Infrared Search and Track, Max range: 185.2 km
- Generic Laser Rangefinder - (Anti-Air & Surface) Laser Rangefinder, Laser Rangefinder, Max range: 7.4 km
- EOTS-86 MAWS - (J-20) Infrared, MAWS, Missile Approach Warning System, Max range: 9.3 km
- EOTS-86 - (J-20) Infrared, Infrared, Day/Night Spherical Situational Awareness & Fire Control, Max range: 111.1 km

Weapons / Loadouts:

- PL-12C - (2018+, Folding fins for J-20) Guided Weapon. Air Max: 92.6 km.
- PL-10 - (2018) Guided Weapon. Air Max: 20 km.
- 1700 liter Drop Tank - Drop Tank.
- LS-6-500 Extended-Range Bomb, GPS/INS [500kg HE] - (China, 2010?) Guided Weapon. Land Max: 55.6 km.
- YJ-91 [Kh-31P, ARM] - Guided Weapon. Surface Max: 111.1 km. Land Max: 111.1 km.
- PL-15 - (2018+) Guided Weapon. Air Max: 174.1 km.