

DDG 1000 Zumwalt - 2025 Hypervelocity Projectiles

United States

Type: DDG - Guided Missile Destroyer

Max Speed: 35 kt

Commissioned: 2025

Length: 182.9 m

Beam: 24.6 m

Draft: 8.4 m

Crew: 142

Displacement: 12100 t

Displacement Full: 14564 t

Propulsion: 2x Rolls-Royce MT30 Gas Turbine

Generators

Sensors / EW:

- CG/DD 21 IR - Infrared, Infrared, Target Search, Slaved Tracking and Identification Camera, Max range: 185.2 km
- AN/SPY-3 MFR - (DDG 1000, AESA) Radar, Radar, FCR, Surface-to-Air & Surface-to-Surface, Long-Range, Max range: 324.1 km
- AN/SLQ-32(V)6 [ECM] - (Group, 2015) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- AN/SLQ-32(V)6 [ESM] - (Group, 2015) ESM, ELINT, Max range: 926 km
- TB-37/U MFTA [AN/SQR-20] - (2010, CG Version) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Towed Array Sonar System, Max range: 129.6 km
- AN/SQS-60 - (DDG 1000, MF) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 29.6 km
- AN/SQS-61 - (DDG 1000, HF) Hull Sonar, Active-Only, Hull Sonar, Active-Only Shallow Water High-Definition Mine & Obstacle Avoidance, Max range: 1.9 km

Weapons / Loadouts:

- Mk46 NEARTIP Mod 5A(SW) - (1997) Torpedo. Subsurface Max: 7.4 km.
- Mk50 Barracuda Mod 0 ALWT - (1991) Torpedo. Subsurface Max: 7.4 km.
- Mk54 LHT Mod 0 - (2005) Torpedo. Subsurface Max: 7.4 km.
- RGM-109C Tomahawk Blk III TLAM-C - (1994) Guided Weapon. Land Max: 1852 km.
- RUM-139C VLA [Mk54] - (2008) Guided Weapon. Subsurface Max: 16.7 km.
- RGM-109D Tomahawk Blk III TLAM-D - (1996) Guided Weapon. Land Max: 926 km.
- RGM-109E Tomahawk Blk IV TACTOM - (2005) Guided Weapon. Land Max: 2963.2 km.
- RIM-161B SM-3 NTW Blk IA - (2007) Guided Weapon. Air Max: 370.4 km.
- RIM-162A ESSM - (2004, AEGIS, Mk41) Guided Weapon. Air Max: 55.6 km. Surface Max: 46.3 km.
- RIM-161C SM-3 NTW Blk IB - (2014) Guided Weapon. Air Max: 370.4 km.
- RGM-109I Tomahawk Blk IV MMT [Multi-Mission] - (2015, ASuW Capable) Guided Weapon. Surface Max: 2963.2 km. Land Max: 2963.2 km.

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- 30mm Mk46 Mod 1 [Bushmaster II Mk44 Mod 2] Burst [20 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km. Land Max: 2.8 km.
- 155mm/52 AGS HVP - (DDG-1000) Guided Projectile. Air Max: 129.6 km. Surface Max: 129.6 km. Land Max: 129.6 km.
- AN/SLQ-25A Nixie - Decoy (Towed). Surface Max: 1.9 km.
- Mk216 Sea Gnat Chaff [Distraction] - (1988) Decoy (Expendable). Surface Max: 1.9 km.
- Mk245 GIANT Flare - (1997, DM19A1) Decoy (Expendable). Surface Max: 1.9 km.
- Mk234 Nulka - (2002) Decoy (Expendable). Surface Max: 1.9 km.
- Mk214 Sea Gnat Chaff [Seduction] - (1987) Decoy (Expendable). Surface Max: 1.9 km.