

New destroyer for U.S. Navy

The **USS Zumwalt** is America's largest and most technologically sophisticated destroyer. The \$4.4-billion ship features an angular shape that makes it 50 times more difficult to detect, and a new advanced gun system

USS Zumwalt (DDG-1000)

Beam: **24.6m**. Draft: **8.4m**
Displacement: **15,000 tonnes**
Speed: **30 knots (56km/h)**
Crew: **143**

Deckhouse: Advanced sensors and electronics enclosed in composite materials to deflect radar

Length: **186m**

All-electric power system:

Four **Rolls-Royce MT-30** gas turbines generate 78MW needed for vessel's propulsion, electronics and weapons systems

Bow: Wave-piercing hull creates little wake, making ship's radar signature 50 times smaller

Flight deck:
Capacity for two **MH-60R Seahawk** helicopters

Two 30mm Close In Guns

Vertical missile launch system:
80 forward and aft launch tubes for Tomahawks, ESSMs, anti-aircraft missiles

Advanced Gun System: Two 155mm guns capable of hitting targets 160km away with GPS-guided shells at rate of 10 rounds per minute. **Each gun holds 300 rounds, handled by automated loading mechanism**