

## Air Defense Missile Weapon System

# FN-16 Portable Air Defense Missile System

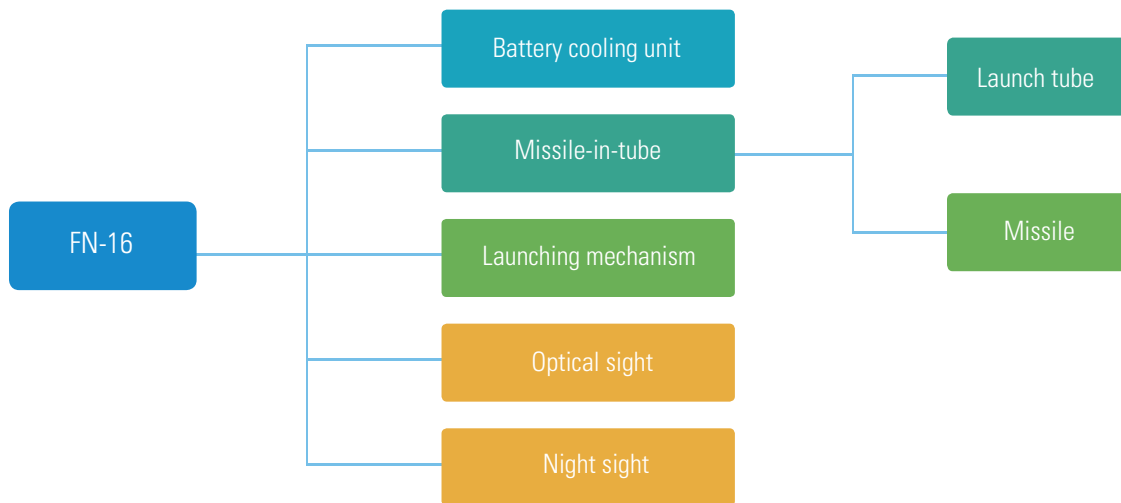
FN-16 MANPAD missile is a kind of new generation low altitude and short range air defense weapon upgraded from FN-6. The missile employs IR and UV dual color homing guidance seeker, the combination of laser proximity fuse and impact fuse. It has all-direction attack, anti-infrared decoy and "fire-and-forget" capabilities. It is used to intercept various types of attack helicopter, fixed-wing aircraft, cruise missile and UAV. FN-16 missile has been employed in PLA Army and many friendly countries as a leading short range air defense weapon.



## Main Features

- High Guidance Accuracy and Excellent Killing Effect
- Strong Anti-interference Capability
- Larger Intercept Area
- Easy Operation and Simple Maintenance
- Excellent Compatibility with Different Launch Platforms

## Composition



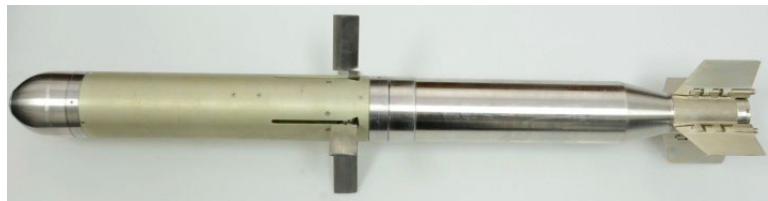
## Technical Specifications

Interception Altitude	10-4,000 m
Interception Range	0.5-6 km
Reaction Time	5 s
Single Shot Kill Probability (SSKP)	0.8 (Aircraft) 0.7 (Cruise missile)

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# FN-M Portable Air Defense Missile System

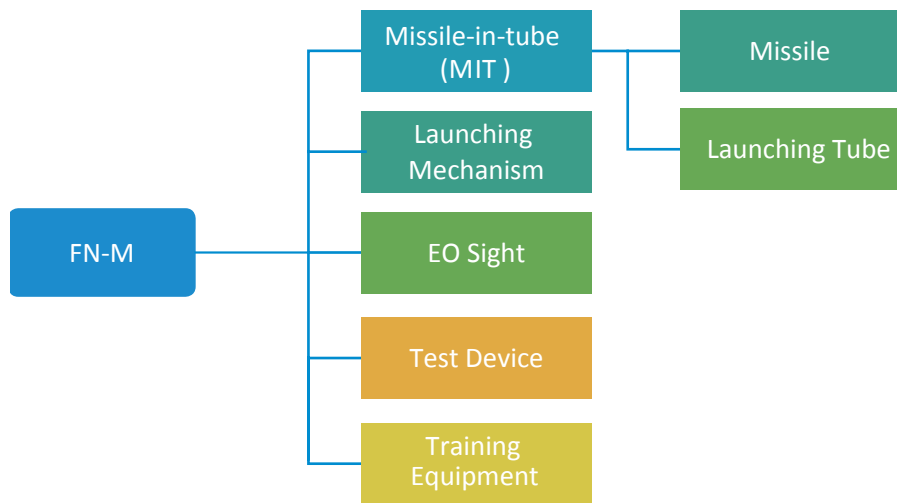
FN-M portable air defense missile system is a kind of precise, lightweight and multirole portable system to engage all kinds of short-range ground and low-altitude targets. It is used for multiple missions such as anti-UAV, anti-terrorist, special force operations and so on. Its typical targets include lightweight UAVs and helicopters, light armored vehicles, simple fortifications, and speed boats.



## Main Features

- Super Portable for Single Soldier Carrying
- Great Adaptability for Various Platforms
- Multiple Missions in Complex Battlefield
- Smart Target Image Recognition
- Precise Strike, Low Collateral Damage

## Composition



## Technical Specifications

Range	0.5 km -3 km against helicopter 0.5 km-1.5 km against UAV 0.5 km-2 km against surface target
Altitude	2,000 m against helicopter 1,000 m against UAV
Guidance mode	Strapdown visible light imaging guidance
Reaction Time	5 s
Single Shot Kill Probability (SSKP)	0.8