



IMPINJ GEN2X

METAL SKIN DELTA

Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2, ISO/IEC 18000-6C
- **Frequency** 902-928 MHz (US); 865-868 MHz (EU)

Impinj:

- **IC type (chip)**¹ Impinj M830
- **Chip memory**² 128 bits EPC; 96 bits TID
- **Data storage** Over 10 years
- **Read range fixed**³
 - Up to 14.76 ft (4.50 m) on metal
 - Up to 13.12 ft (4 m) on plastic
- **Read range handheld**³
 - Up to 6.56 ft (2 m) on metal
 - Up to 4.92 ft (1.50 m) on plastic
- **Polarization** Linear

Key Features

- + **Thinnest profile:** thin, flexible label built for tight spaces and curved surfaces
- + **Cost-Effective:** smart choice for high-volume, item-level RFID tracking
- + **On-Site printable:** white PET face stock for use with standard thermal RFID printers
- + **Versatile surface compatibility:** optimized for metal, plastic, and cardboard assets
- + **IP68 protection:** engineered to withstand water, dust, solvents, and industrial chemicals

Environmental Specifications

Temperatures



- **Operational** -40°C to +85°C
- **Survival** -40°C to +85°C

- **IP rating** IP68
- **Storage humidity** 50±15%RH
- **Printer compatibility** Zebra ZT410, SATO CL4NX Plus, Postek TX3r, TSC, thermal RFID printers
- **Vibration** MIL-STD-810G
- **Warranty** 1 year

Physical Specifications

- **Label material** White thermal transfer face stock
- **Reel core material** Cardboard
- **Reel core inner dimension:** 76.2mm/3(in)

Impinj:

- **Dimensions (in)**¹ 2.76 x 1.18 x 0.02
- **Dimensions (mm)**² 70 x 30 x 0.4
- **Packaging** 500pcs/roll
- **Weight (roll)** 2.20 lbs (0.90 kg)

Impinj:

