Recommended Public Safety Laptop Specifications (2026)

Laptop Specifications

Processor

• Minimum: Intel Core Ultra 7 (Series 1 or 2) or AMD Ryzen 7 (8000 Series)

• Recommended: Intel Core Ultra 9 or AMD Ryzen 9 (8000 Series)

Memory

• Minimum: 16GB RAM

• Recommended: 32GB RAM (for improved performance, running multiple applications, and seamless mapping)

Storage

• Minimum: 256GB NVMe SSD

• Recommended: 512GB NVMe SSD

Display

• Minimum: Full HD (1920x1080)

• Recommended: 2560x1600 or higher for better clarity

Networking & Connectivity

• Wired: 1Gbps Ethernet Port (or USB-C to Ethernet adapter)

• Wireless: Wi-Fi 6 (802.11ax) or Wi-Fi 6E for better speed and reliability

• Optional: 5G or LTE Mobile Broadband Support

Updated Surface Pro Tablet (2026)

• Processor: Intel Core Ultra 7 or higher (Business SKU)

• Memory: 16GB RAM (Minimum) 32GB (Recommended)

• Storage: 256GB SSD (Minimum) 512GB SSD (Recommended)

• Case: Ruggedized Protective Case (OtterBox, Incipio, or Equivalent)

• Keyboard: Microsoft Surface Keyboard or High-Quality Bluetooth Alternative

Operating System

• Windows 11 Professional

• Recommended: Enterprise Endpoint Protection (CrowdStrike, SentinelOne, Sophos, or equivalent)

Additional Recommendations for Mobile Laptops

Touch Screen

• Recommended for rugged, fieldwork environments

Networking & Security

• VPN: Always-On VPN with Zero Trust Security (NetMotion (Preferred), Cisco AnyConnect, or Fortinet)

GPS & Mobile Connectivity

• USB GPS Device Recommendation: Global Sat BU-353N or Global Sat BU-353NC (USBC Connection)

• Modem-Based GPS Receivers:

 - Sierra Wireless (Semtech)

 - Peplink

 - CradlePoint (Now with 5G support)

Specialized Equipment for MDIS

• USB GPS Device Recommendation: Global Sat BU-353N or Global Sat BU-353NC (USBC Connection)

• Handheld Scanner: Tera Portable Wireless Barcode Scanner (Model 1300)