Recommended Public Safety Laptop Specifications (2025)

Laptop Specifications

Processor

• Minimum: Intel Core i5 (12th Gen) or AMD Ryzen 5 (5000 Series)

• Recommended: Intel Core i7 (13th Gen) or AMD Ryzen 7 (7000 Series)

Memory

• Minimum: 8GB 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 (2025)

• Processor: Intel Core i7 (13th Gen) or equivalent

• Memory: 8GB 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 (Windows 10 support **ENDS** October 14, 2025)

Antivirus & Security

• Recommended: Corporate Edition Antivirus Software

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

• Modem-Based GPS Receivers:

  - Sierra Wireless

  - Pepwave

  - CradlePoint (Now with 5G support)

Specialized Equipment for MDIS
• USB GPS Device Recommendation: Global Sat BU-353N

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