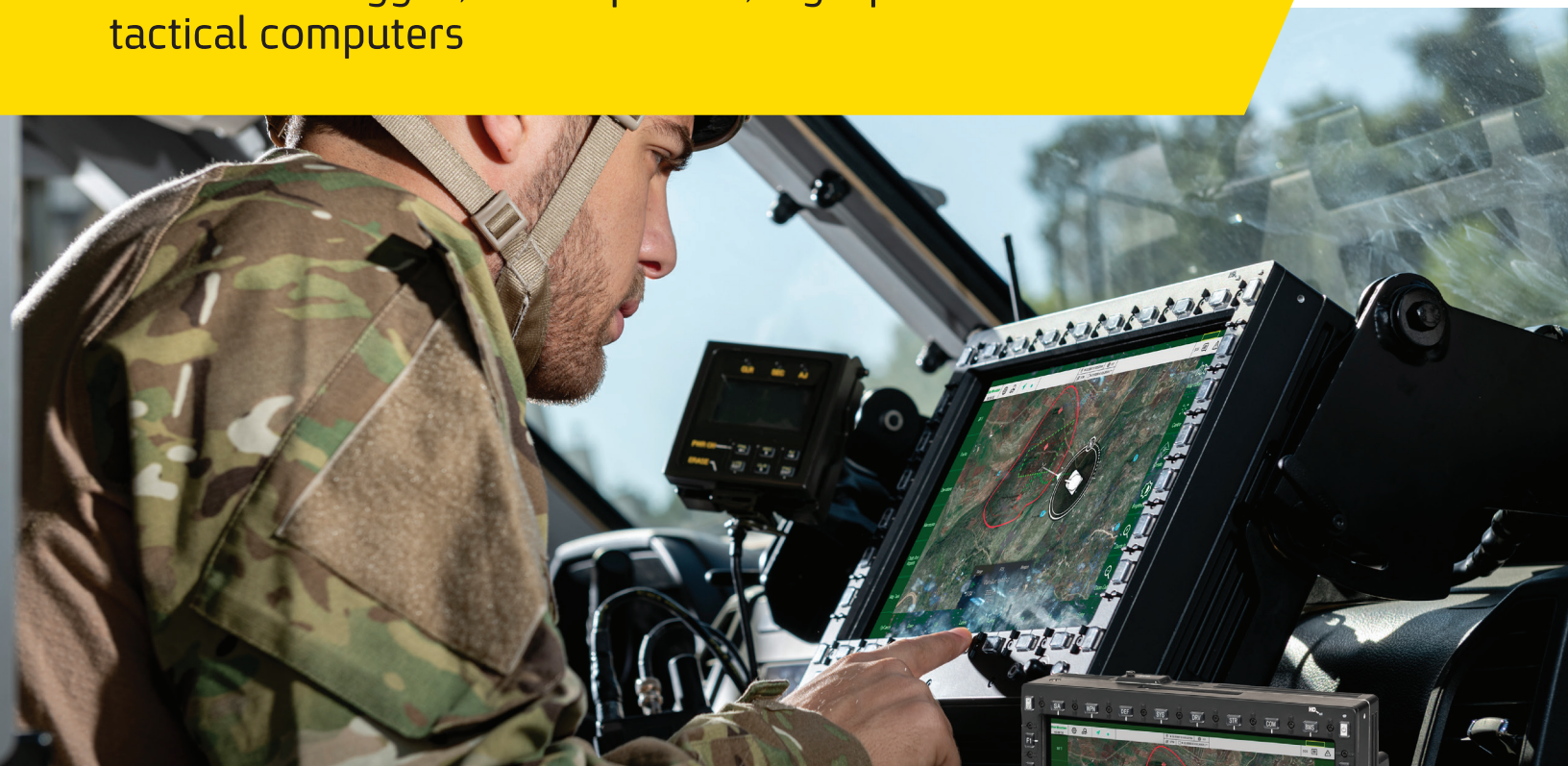


Enhanced Tactical Computer (ETC) MK7

A series of rugged, battle-proven, high-performance tactical computers



Elbit Systems' series of Enhanced Tactical Computers (ETCs) provides innovative command and control (C2) capabilities and tactical data dissemination for multiple operational scenarios. Designed for use by infantry, Special Forces and command personnel, these computers are deployed on a wide range of platforms including tanks, artillery and armored personnel carriers (APC), as well as wheeled and tracked combat vehicles. Built using the most advanced computer architecture and the latest Intel platform for mobile computing, the ETC's flexible configurations can be easily modified to suit customer needs. With an extremely rugged design geared for success in harsh operational and environmental conditions, the ETC is fully battle-proven and currently in use by numerous armed forces around the world, including the Israel Defense Forces, 5Eyes defense forces, NATO and others.



Elbit Systems™

C⁴I and Cyber

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Powerful flexibility: The ETC's advanced components - CPU, memory, graphics and storage - can be easily upgraded to align with market advances in technology and design. Available in full integrated or split (separate display and processing unit) configurations, the ETC can be easily modified and integrated with the customer's required platform and is backward compatible to legacy versions. The ETC can be operated using a power source of 16-33V DC or internal rechargeable Li-Ion battery.

Advanced capabilities: Designed to perform even in the most demanding operations, the ETC follows GVA guidelines. It supports a broad range of visual computing applications with robust features that includes the latest Intel i7 Quad Core processor, solid-state drive (SSD), embedded commercial or military GPS, video capture capability, high-quality sun-readable 12.1" LCD display, pointing device, high-resolution capacitive touch screen, and various communication interfaces including advanced interfaces to analog radios.

Technical Specifications

- **Main Hardware Specifications**
 - CPU: Intel Core i7 Quad Core processor
 - Memory: 16-32GB DDR4
 - Storage: 0.5-2TB 2.5" , Removable SSD
 - Graphics: Intel UHD Graphics 620
 - Navigation: GPS support for GPS, GLONASS, QZSS
- **Keyboard and other HIDs**
 - GVA overlay Function keys, Integrated pointing device
 - High definition touch screen with multi touch capability
 - Embedded TPM capability
- **Display**
 - 12.1 LCD Display, WXGA, 1280x800 resolution
- **I/O Ports**
 - 1 External display
 - 2 LAN: 10/100/1000 Ethernet interfaces
 - 5 USB 2.0 interface and 1 commercial USB 3.0 interfaces
 - 1 Full RS232 port
 - 1 RS422 port
 - Audio in and out
 - Internal built-in speaker
- **Power**
 - Input voltage: 16-33V per MIL-STD-1275D
 - Removable Battery: 14.4v CE compatible Li-Ion battery
- **Physical Characteristics (nominal):**
 - Dimensions (mm): 314x240x89
 - Weight (kg): <6 (basic configuration)
- **Environmental Compatibility**
 - Complies with MIL-STD-810G
- **Electromagnetic Compatibility**
 - Complies with MIL-STD-461E
- **Options**
 - Optional PCMCIA digital modem

Key Features

- GVA overlay keypads
- Based on the latest PC architecture
- Supports a wide range of visual applications
- Removable storage and battery
- Tactical data dissemination to a broad range of combat, command and reconnaissance vehicles
- Decoupled SW & HW, suitable for various C2 applications
- Upgradable components and modules
- Ultra-rugged design

Key Benefits

- Built to operate in challenging environments
- Can be easily modified to meet customer requirements
- Seamlessly integrates into existing platforms
- Fully battle-proven
- Flexible, environmentally-friendly power demands
- Support for various Microsoft Windows 10 and Linux operating systems
- Support for military and commercial GPS



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