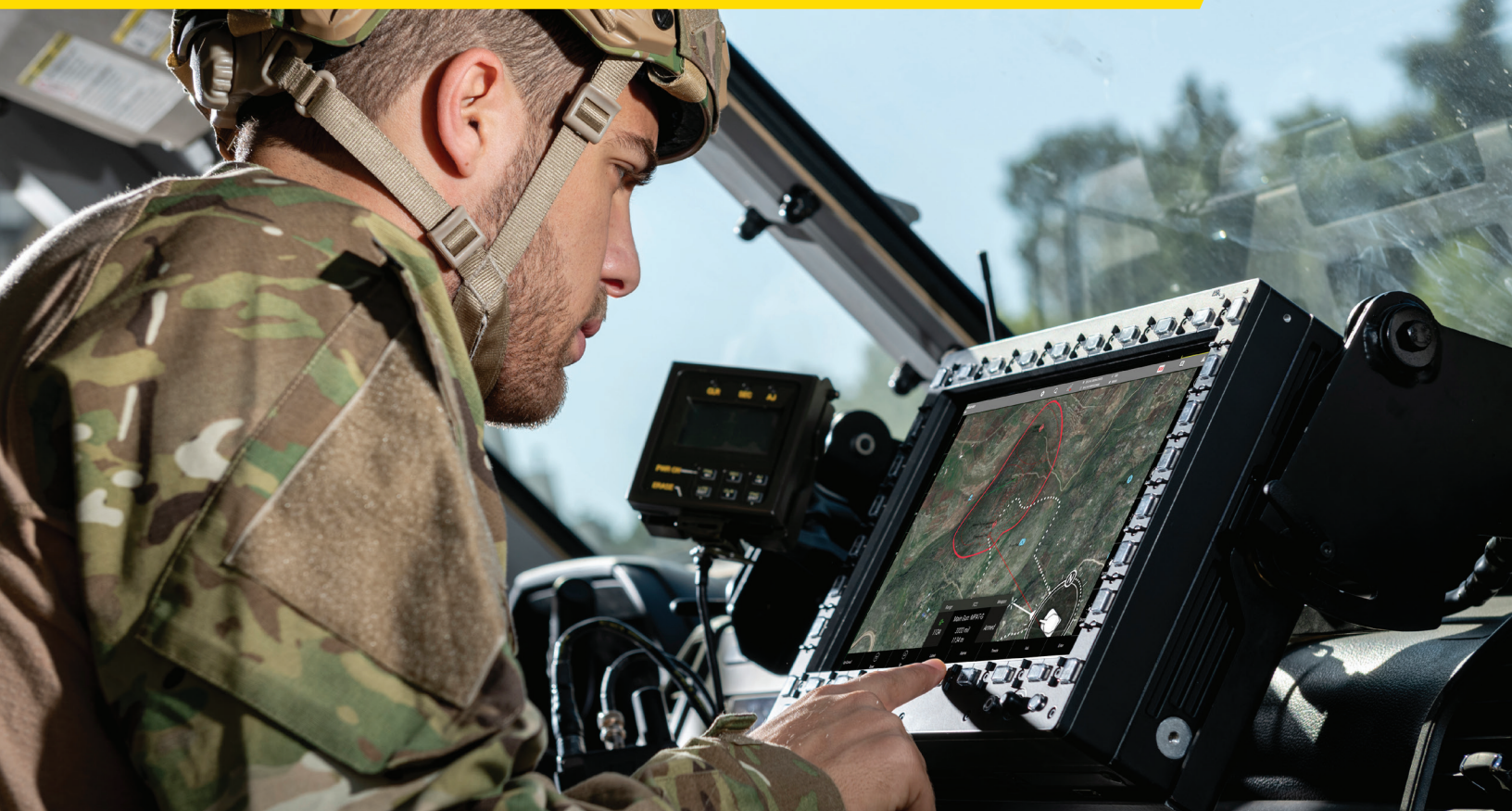


Enhanced Tactical Computer (ETC) MK7+ Second Edition, Upgraded Performance

Ultra Ruggedized, Battle Proven Tactical Computer



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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 every customer need. With an extremely rugged design geared for success in harsh operational and environmental conditions, the ETC is battle-proven and currently in use by numerous armed forces around the world, including the Israel Defense Forces, Five Eyes Alliance, NATO and others.

Powerful Features and Flexible Configurations

The ETC features advanced components - CPU, memory, graphics and storage - in both full integrated and split configurations, enabling installation flexibility across a variety of armored vehicles, where internal space is often limited. These ruggedized mounted devices are designed for use in extreme environmental conditions.



ETC MK7 Integrated Configuration:

Includes a full computer configuration, 12.1" LCD display, control buttons and communication interfaces, in one integrated tablet-style box.



ETC MK7 Split Configuration:

Includes a separate Computer Unit (CU) and Display Unit (DU), connected by a cable. The CU comprises the CPU, main board and the external communication interfaces, packed in a slim, lightweight housing.

The DU remote display comprises the ETC MK7 LCD panel and touch screen, GVA keys and interfaces.



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 and various communication interfaces. The ETC can be easily modified and integrated with the customer's required platform and is backward compatible to legacy versions.

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
- Sunlight readable display

Key Benefits

- Built to operate in challenging environments
- Seamlessly integrates into existing platforms
- Battle-proven
- Flexible, environmentally friendly power demands
- Supports various Microsoft Windows 10 and Linux operating systems
- Can be easily modified to meet customer requirements

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Technical Specifications:

Main Hardware Specifications

CPU: Intel Core i7-1370 6P+8E/16T 13th Generation

Memory: 16-32GB DDR5, 4800 GHz

Storage: 1-2TB (various options) SSD

Graphics: Intel Gfx 96EU

Keyboard and other HIDs

GVA overlay function keys, integrated pointing device

High-definition touch screen with multi-touch capability

Embedded TPM capability

Display

Sun-readable, 12.1" high brightness 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 interface

1 Full RS232 port

1 RS422 port

Audio in and out

Internal built-in speaker

GPS antenna

Power

Input voltage: 16-33V per MIL-STD-1275D

Removable battery: Li-Ion 14.4v, CE certified

Physical Characteristics (nominal)	Dimensions (mm)	Weight (kg)
ETC MK7 Integrated	314x249x89	<7.5 (basic configuration)
ETC MK7 Split Computer Unit (CU)	312x249x66	<5.2 (basic configuration)
ETC MK7 Split Display Unit (DU)	309x295x66	<4.2

Environmental Compatibility

Complies with MIL-STD-810G

Electromagnetic Compatibility

Complies with MIL-STD-461E



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