

# Enhanced Tactical Computer MK-V

Rugged, battle-proven, high-performance tactical computer for armed forces



The Enhanced Tactical Computer (ETC) MK-V provides state-of-the-art command and control (C<sup>2</sup>) capabilities and tactical data dissemination to a broad range of platforms. This set includes tanks, artillery and armored personnel carriers (APC), wheeled and tracked combat vehicles, infantry, special forces and headquarters. Built on cutting-edge PC architecture and the latest Intel platform for mobile computing, the ETC MK-V's flexible configuration can be easily modified to suit the needs of its customers. With an extremely rugged design geared for success in even the harshest operational and environmental conditions, the ETC MK-V is fully battle-proven and currently in use by numerous armed forces around the world, including IDF, NATO and others.

**Powerful flexibility:** The ETC MK-V's advanced components – CPU, memory, graphics and storage – can be easily upgraded to align with the most recent market advances in technology and design. Available in full tablet or split (separate display and processing unit) configurations, the ETC MK-V can be easily modified and integrated with the customer's required platform.

**Advanced capabilities:** The ETC MK-V supports a broad range of visual computing applications with its robust features, including an Intel® i7 processor, solid-state drive (SSD), embedded commercial GPS, video capture capability, high-quality sun-readable LED display, full QWERTY integrated keyboard, pointing device, high-resolution touch screen, and various communication interfaces.

**Ultra-mobile computing:** Designed to perform even in the most demanding operational and environmental conditions, the ETC MK-V can be operated using a range of power sources including vehicle, 110-220V or internal rechargeable batteries.

# Enhanced Tactical Computer MK-V

Rugged, battle-proven, high-performance tactical computer for armed forces

## Key Features

- State-of-the-art C<sup>2</sup> capabilities
- Tactical data dissemination to a broad range of combat, command and reconnaissance vehicles
- Based on the latest PC architecture
- Supports a broad range of visual applications
- Upgradable components
- Ultra-rugged design
- Available in several configurations

## Key Benefits

- Built to operate in challenging environments
- Easily modified to meet customer requirements
- Seamlessly integrates into existing platforms
- Fully battle-proven
- Flexible, environmentally-friendly power demands
- Support for Windows XP, Windows 7 and Linux

## Technical Specifications

- **Main Hardware Specifications**
  - CPU: Intel® Core™ i7 processor
  - Memory: 4GB DDR3 (expandable up to 8GB)
  - Storage: 128GB 2.5" SATA SSD (option for higher capacity)
  - Graphics: HD graphic controller with 512Mb memory
  - Navigation: Embedded commercial GPS receiver
- **Keyboard and other HIDs**
  - Sealed and backlit full QWERTY keyboard
  - 10 function keys
  - Integrated pointing device
  - High-resolution resistive touch screen
- **Display**
  - 10.4" sun-readable LCD, XGA, 1024x768 pixels
  - Enhanced 150 fL LED backlight

- **I/O Ports**

- 1 external display (VGA)
- 2 LAN: 10/100/1000 Ethernet connectors, standard and military
- 2 standard USB 2.0 connectors
- 1 multi-use connector:
  - 2 USB 2.0
  - 2 RS232 ports
  - 2 RS232/422 ports
  - Audio in and out
  - Video in

- **Power**

- Input voltage: 18-32V per MIL-STD-1275B
- Battery: 2 hot swappable Li-Ion batteries

- **Physical Characteristics (nominal):**

- Dimensions (mm): 309x249x94
- Weight (kg): 4.9 (basic configuration)

- **Environmental Compatibility**

- Complies with MIL-STD 810F, JS55555

- **Electromagnetic Compatibility**

- Complies with MIL-STD 461E

- **Options**

- Optional removable 128GB SSD
- Optional PCMCIA interface behind sealed door
- Optional Digital/Analog Video Capturing Device
- Optional one or two tactical modems for communications with military radios



Elbit Systems Land and C<sup>4</sup>I Ltd.  
2 Ha'machshev St. Netanya 42507, Israel  
E-mail: landc4i@elbitsystems.com www.elbitsystems.com/landc4i