



Rear view

Description

The Type S51E rugged computing platform combines the reliability and power thrifty performance of an Intel Atom CPU with high capacity removable storage. Packing over 2TB of capacity, the S51E enables easy mission data transport for vehicular and avionics applications. With Intel's Gen 3.5 graphics core, the S51E handles a variety of vision applications while meeting SWaP requirements. A ready balance of optimal performance and minimal size, the S51E is a rugged system suitable for deployment in hostile environments. Optional I/O choices and CPU upgrades allow customization for your specific application. Based on PC/104 architecture the S51E has room for one additional card and many undedicated connector pins for ample I/O expansion.

Features

- Low power Intel® Atom N455 1.66 GHz Single Core Processor
- Over 2TB of removable SSD storage via SATA II, 3Gbps interface
- 1GB DDR 800MHz memory
- Intel Gen 3.5 graphic core
 - DX9 compliant, MPEG2 Hardware Acceleration, 200 MHz
- Dual USB 2.0 ports, one GigE port, 1 VGA port
- Supports multiple military secure-erase methods via quick-erase pushbutton
- Additional serial and GPIO ports optional
- Optional high definition audio interface
- SWaP optimized (dimensions and weight)
 - Room for additional I/O expansion

Benefits

- Hot-plug, front-removable drives allow for easy mission reconfiguration and data transfer
- I/O modules may be added or removed to keep pace with evolving system requirements
- Secure erasure use in high security applications
- Reduced development cost and shorter development cycles due to easy re-configuration.

Ordering Information

Model number S51EES3111NIXXNWN

Please contact our sales department at 510-656-3400 or via email at sales@elma.com for specific model configurations.

