

# CodaOctopus COLMEK

## Stinger™ 1000 Mission Computer

Built on the rugged Stinger™ mission computer series

# stinger™ 1000

Built on the rugged Stinger™ mission computer series using the latest Intel ATOM processor and solid state storage.



### Product Features

- Intel® Atom® Z510/Z530 Processor with 512kB of L2 Cache
- Up to 2GB SDRAM Soldered on Board
- Up to 8GB Compact Flash (Optional)
- 1X 10/100/1000 Mbit Lan Port
- 4X USB 2.0 Host, 1X USB 2.0 Client
- VGA Port (24-Bit LVDS Optional)
- Keyboard/Mouse
- 1X PCI Express Minicard on Board
- SATA 128GB Solid State Disk (Optional 32, 64GB)
- 4X Serial Ports 2X-RS232, 2X-RS232, 422, 485
- Audio (Stereo Line in/out)
- Ultra low power - Less than 10W
- Power 9-36VDC Input (28VDC Nominal MIL-STD-704E Compliant)
- Rugged Conduction Cooled, Sealed, and Lightweight Enclosure (IP65, and NEMA 4 Compliant)
- 4 Board Chassis (3 Boards + 1 Expansion)
- Miniature Circular D38999 Style Connectors
- Environmental (MIL-STD-810F Compliant)
- EMI/EMC (MIL-STD-461E Compliant)
- Temperature -40°C to +85°C
- Support for Windows® XP, Windows® XPe, VxWorks® and Linux®

We welcome your custom requirements and have the following available:

- PCI/104 Board Expansion (Size, Power, and Weight may change)
- PCI/104-Express Systems Available
- Multiple Mounting Configurations
- Front and Rear Panel I/O
- I/O Connector Re-Configurable
- Chassis Available from 3 to 6 Board Configuration

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Data subject to change without notice

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## Stinger™ Mission Computer Series

Small Form-Factor Tactical Mission Computer

CodaOctopus Colmek takes a unique "Total Systems Solutions" approach to meeting the real-world rugged requirements of a small form factor pc. While others simply try to fit standard products into complicated applications, we look at the requirements and adapt the product accordingly. By taking a modular design approach, we can formulate the best total solution for our customer/partner and do so economically.

Not only are we well prepared with the latest cutting-edge technology, packaging, thermal, electrical, and environmental tools, but we always have our eye on the total system cost. By partnering with our customers we solve critical issues such as life-cycle and upgrade path, burn-in, testing, certifications, and available third-party or custom software/firmware solutions. We understand that just because you have a unique application, that doesn't mean you have a big budget.

CodaOctopus Colmek has been providing state-of-the art solutions for over 30 years. We have earned our reputation for reducing system cost, weight, complexity while enhancing product life, performance, usability, quality, and reliability. By using our "Total Systems Solutions" approach, we will provide the best total system possible for the best value to our customer. Nowhere is this more apparent than our Embedded Stinger™ product line.

