

Advantech's Intel® Atom Processor Z500 Series Solution Lower Power Consumption Module SOM-6760

Advantech SOM-Express Micro SOM-6760, designed with the new generation mobile platform Intel® Atom™ processor Z500 series, takes advantage of all the benefits of the Atom platform in the new SOM-Express "Micro" form factor. The SOM-6760 performs the same functions as traditional SOM-Express modules, but with a smaller board size of only 95mm x 95mm and a compact chip size with great low power consumption. Advantech's new SOM-6760 module and development board will enable embedded developers to create more mobile and portable applications.

The compact board size makes it more suitable for portable devices and can work directly with existing carrier boards, providing a seamless upgrade path for those customers who are considering moving to the new Atom™ platform.

Advantech SOM (System On Module) series is backwardly compatible with existing hardware and software systems and are fully scalable for upgrades or changing application needs and feature long life support. The SOM-6760 is suitable for embedded applications such as in-vehicle information systems, industrial manufacturing and handheld or mobile devices.



Features/Specifications

- Less power, longer battery life
- Supports DDR2 memory up to 1GB
- 10/100 Mbps Ethernet
- 8 USB 2.0 ports and PCIe interface
- Supports dual channel LVDS up to 24-bit TFT panel
- OS platform – Windows XP embedded and Vista
- Compatibility with existing SOM-Express boards
- SOM modularity means flexibility for the customer