

# SitePlayer™ SPK1 Web Server Coprocessor Developer Kit

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- **Development Board for SitePlayer SP1, The One Square Inch Web Server Coprocessor**
  - **Single SitePlayer Module Included**
  - **Web Pages Created Using Standard HTML Authoring Tools (not included)**
  - **Downloads Web Pages and Firmware Upgrades to SitePlayer over Ethernet**
  - **On-board electronics for using SitePlayer's I/O capabilities. Includes LEDs, Switches, DAC filter and Thermistor.**
  - **RJ45 with Integrated Magnetics for connection to 10baseT hub or 10/100 switch**
  - **DB9 Connector interfaces SitePlayer to PC for Learning, or Device Processor**
  - **Jumper Selectable for Direct Connection to Device UART or Inverted for PC**
  - **Real World, Sample Applications with Source Code to Experiment with SitePlayer**
  - **ActiveX OCX included for reconfiguring SitePlayer in your PC programs**
  - **Serial Cable and Wall Transformer Included. "Surfable" Right Out of the Box**
  - **Documentation, Example Source Code, Demos and SitePlayer Tools Available on Web Site or Optional CD-ROM**
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## Description

The NetMedia SitePlayer SP1K Developer Kit is everything you need to get started with the SitePlayer SP1 Web Server Coprocessor. The SitePlayer SP1 is the first product in a family of embedded web servers designed to enable any microprocessor-based device to become web enabled easily and inexpensively. In approximately one square inch, the SitePlayer SP1 includes a web server, 10baseT Ethernet controller, flash web page memory, graphical object processor, and a serial device interface.

The Development kit includes a SitePlayer SP1 module, power supply, serial connector, software and examples to get you up to speed quickly. Simply plugging the RJ45 Kit into an Ethernet Hub or directly with a crossover cable, and the serial cable to a PC's COM port, allows you to simulate device activity and view it on the web immediately. Once demos and training is over, the SPK1 doubles as an interface to a device processor. Using the on-board DB9 or headers, a device processor can be connected to the SPK1 to communicate with the SitePlayer module. Jumper selectable inversion of the serial port allows communications directly with a device's UART or an RS232 device (locally 0-5V levels).

The development kit includes SiteLinker™ a software tool which allows you to download a web site into SitePlayer, and also make firmware upgrades as they become available. SiteLinker also creates data objects for communications between the device processor and SitePlayer. Additional tools allow for viewing internal data from a remote SitePlayer so you can watch objects under real conditions.

The development kit also includes SitePlayerPC™, a simulator for the SitePlayer SP1 module. SitePlayerPC runs on your Windows PC and transforming it into a SitePlayer web server. Complete with simulation of serial port commands. You can connect your device processor to SitePlayerPC and perform all functions as if it were a SitePlayer module. Perfect for classroom or multi-person development environments. Graphics designers can use SitePlayerPC to fully test graphics before downloading into a SitePlayer module. Software and hardware developers can test new applications quickly.