

RJ203 Jack/Magnetics Module

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Patent pending



The RJ203 is an "Ethernet front-end" module that contains 10/100BaseT Ethernet magnetics and a standard RJ45 jack. Module's magnetics are designed to work with Davicom's DM9000B Ethernet controller.

Unique patent-pending design of the module minimizes module's footprint and allows you to put other components required on your host board under the RJ203, thus saving valuable host board space. Moreover, translucent housing of the RJ203's face enables you to place status LEDs directly on the host board and have these LEDs visible through the front face of the RJ203.

There are two ways in which you can utilize the RJ203 in your design:

- You can [interface](#) the RJ203 to the DM9000B IC located, together with the CPU and other necessary components, directly on your host PCB.
- Alternatively, you can use the RJ203 [in combination](#) with the EM203 Ethernet-to-serial module (documented in the "Serial-over-IP Solutions Manual") or [EM1206](#) BASIC-programmable Ethernet module. These modules fit right "under" the RJ203, thus taking (virtually) no additional space on the host PCB.