

## IEEE802.11a/b/g-compliant Wireless LAN Driver

### Product Overview

The IEEE802.11a/b/g WLAN Driver is a wireless LAN driver that supports the IEEE802.11a/b/g specifications. It allows you to develop wireless devices with ease when you use it in combination with PrCONNECT/Pro.

### Key Features

- ❑ **Marvell 88W8686 WLAN controller:**  
Our WLAN Driver supports Marvell's 88W8686 chip set.
- ❑ **Performs high-throughput on PrCONNECT/Pro:**  
Our driver assumes you are using the PrCONNECT/Pro TCP/IP stack, and is designed to provide the optimal WLAN throughput.
- ❑ **Supports both Infrastructure Mode and Ad Hoc Mode:**  
The WLAN Driver supports wireless network devices to communicate not only indirectly through an access point, but also directly, one to the other.
- ❑ **Securities:**  
The WLAN Driver supports WEP (Wired Equivalent Privacy), and WPA-PSK, WP2-PSK, as well.
- ❑ **Source code available:**  
The IEEE802.11a/b/g WLAN Driver is provided in full source code. (A separate contract with Marvell is required)

Typical performance of the WiFi driver

Protocol	Transmission/Reception	Speed (Mb/s)
TCP	Reception	12.72
	Transmission	15.85
UDP	Reception	6.10
	Transmission	19.54

### Operating environment

The WLAN Driver runs on the 88W8686 chip set, manufactured by Marvell Semiconductor.

### Allied Product

- **PrCONNECT<sup>®</sup>/Pro:** High speed TCP/IP protocol stack

### Compatible Products

- **eBinder<sup>®</sup>:** Integrated development environment
- **PrKERNEL<sup>®</sup>v4:** Compact realtime multitasking kernel
- **eT-Kernel:** T-Kernel-based realtime multitasking kernel

### Licensing

Royalty-free source code license.

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