

Thank you for purchasing the RIoTboard Web Server Master Class Hardware Kit from element14! This kit contains the hardware you'll need to participate in the RIoTboard Web Server Master Class, offered exclusively by element14. To get started, please visit: <http://www.element14.com/MasterClass>. There you will find software, documentation, video tutorials and instructions for setting up and running your hardware.

Kit Contents

RIoTboard	IoT development platform based on Freescale's i.MX6 Solo application processor
Xtrinsic Sense Board	Sensor board accessory, featuring Freescale Xtrinsic sensors
SD Card	8GB SD memory card
Power Adapter	Artesyn universal power adapter 5V 2A
Universal Plug Kit	Artesyn interchangeable plug kit
USB-TTL Adapter	USB to TTL cable for connecting RIoTboard
Ethernet Cable	3' Ethernet cable
Jumper Wires	Male-to-female 200mm jumpers

About this Master Class

In the RIoTboard Web Server Master Class, you will set up a simple IOT application using RIoTboard and Freescale's Xtrinsic sensor board. During the course of this self-led workshop, you will learn how to take ambient temperature readings using the Xtrinsic sensor board and store it in a MySQL database that you will create on RIoTboard. Afterwards, you will be able to access the raw data via a web browser and generate graphs based on the data you've collected and stored.

About RIoTboard

RIoTboard is both a powerful single board computer, and an Internet of Things development platform all in one. RIoTboard is powered by the i.MX6 Solo application processor from Freescale, and offers a generous assortment of peripherals and I/O. The platform supports various Linux distros and ships with Android Jellybean. For more information, please visit element14.com/riotboard.