

Software specifications

Chapter number	Software required (With version)	Free/ Proprietary	If proprietary, can code testing be performed using a trial version	If proprietary, then cost of the software	Download links to the software	Hardware specifications	OS required
1	Windows 2016	Proprietary	Yes		https://www.microsoft.com/en-us/evalcenter/evaluate-windows-server-2016-essentials	N/A	Windows/ Linux or Mac with VirtualBox
5	Raspberry Pi	Proprietary	N/A	From \$35	https://www.raspberrypi.com/products/raspberry-pi-4-model-b/	Raspberry Pi 4	N/A
5	Malduino	Proprietary	N/A	From \$50	https://maltronics.com/collections/malduino	Malduino M	N/A
6	Alfa Network adapter	Proprietary	N/A	From \$35	https://www.alfa.com.tw/products/awus036nha?variant=36473966166088	Alfa network cards AWUS036NHA	N/A
6	WAVLINK Wireless Bluetooth CSR 4.0 Dongle	Proprietary	N/A	From \$6	https://www.amazon.com/WAVLINK-Wireless-Bluetooth-Adapter-Gold-Plated/dp/B08P45C61C/ref=sr_1_3?keywords=Bluetooth+CSR+4.0+	WAVLINK Wireless Bluetooth CSR 4.0 Dongle, Low Energy USB Adapter	N/A

					Dongle&qid=1644234791&sr=8-3		
14	USB JTAG cable	Proprietary	N/A	From \$65	https://www.usbjtag.com/shopping/	u-Link NT	N/A
14	DLink Router	Proprietary	N.A	From \$39.49	https://www.amazon.com/D-Link-DIR-601-Wireless-Home-Router-Black/dp/B002VJL0OS	D-Link DIR-601 Wireless N 150 Home Router	N/A
14	UART to TTL	Proprietary	N/A	From \$10	https://www.amazon.com/DSD-TECH-SH-U09C5-Converter-Support/dp/B07WX2DSVB/ref=sr_1_4?crid=2ECQAOZMT48JO&keywords=UART+to+the+TTL&qid=1644235285&srefix=uart+to+the+ttl+%2Caps%2C123&sr=8-4	DSD TECH SH-U09C5 USB to TTL UART Converter Cable with FTDI Chip Support 5V 3.3V 2.5V 1.8V TTL	N/A
14	ChameleonMini	Proprietary	N/A	From \$120	https://labs.ksec.co.uk/product/proxgrind-chameleonmini-revg/	Proxgrind ChameleonMini RevG	N/A
14	HackRF	Proprietary	N.A	From \$250	https://greatscottgadgets.com/hackrf/one/	HackRF One	N/A

Detailed installation steps (software-wise)

- a. All the steps as described in the relevant chapters.