

SYSTEM DESIGN

STEP 1: Download Debian Buster Raspberry Pi software

<https://www.raspberrypi.org/software/raspberry-pi-desktop/>

Raspberry Pi Desktop

Compatible with:
PC and Mac



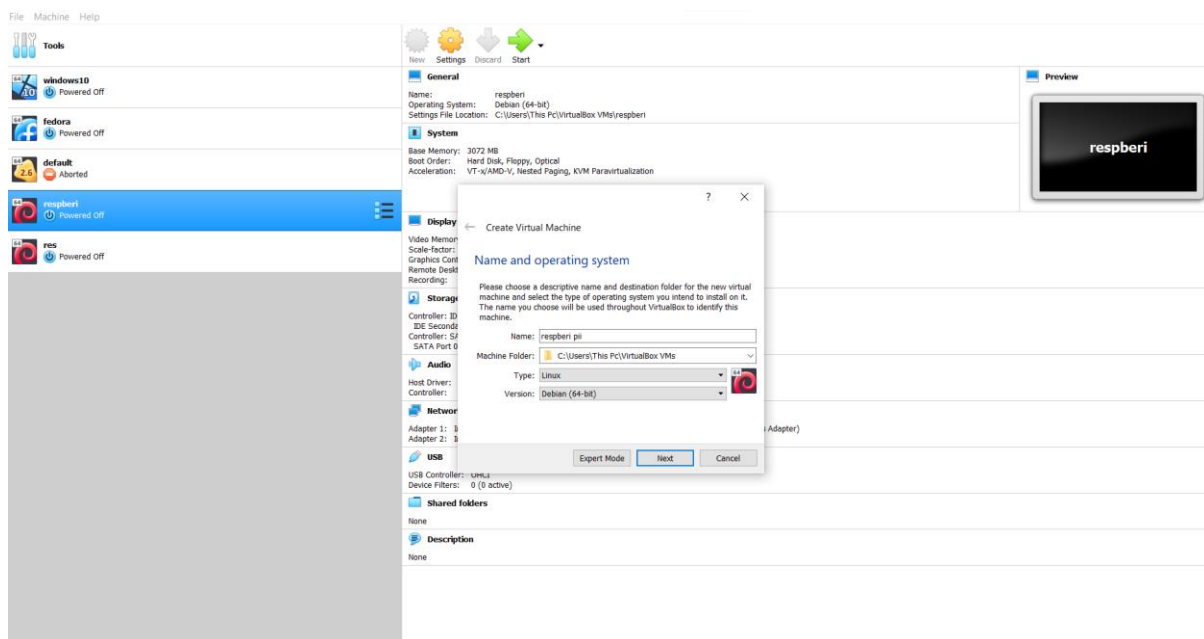
Debian Buster with Raspberry Pi Desktop

Release date: January 11th 2021
Kernel version: 4.19
Size: 2,948MB
[Show SHA256 file integrity hash:](#)

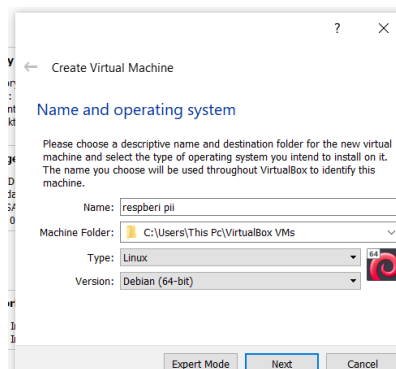
[Download](#)






[Download torrent](#)

STEP 2: Create a virtual machine using Debian raspberry pi



The version should be DEBIAN (64 bit)



New Settings Discard Show

General

Name: raspberi pii
Operating System: Debian (64-bit)
Settings File Location: C:\Users\This Pc\VirtualBox VMs\raspberi pii

System

Base Memory: 2048 MB
Boot Order: Hard Disk, Floppy, Optical
Acceleration: VT-x/AMD-V, Nested Paging, KVM Paravirtualization

Display

Video Memory: 16 MB
Graphics Controller: VMSVGA
Remote Desktop Server: Disabled
Recording: Disabled

Storage

Controller: IDE
IDE Secondary Master: [Optical Drive] 2021-01-11-raspbios-buster-i386.iso (2.88 GB)
Controller: SATA
SATA Port 0: raspberi pii.vdi (Normal, 8.00 GB)

Audio

Host Driver: Windows DirectSound
Controller: ICH AC97

Network

Adapter 1: Intel PRO/1000 MT Desktop (Bridged Adapter, Qualcomm QCA9377 802.11ac Wireless Adapter)
Adapter 2: Intel PRO/1000 MT Desktop (NAT)

USB

USB Controller: OHCI
Device Filters: 0 (0 active)

Shared folders

None

Description

None

