

**NETWORKING & SYSTEM ADMINISTRATION LAB****Experiment No.:2****Name: Harishma Haridas****Roll No: 55****Batch : RMCA****Date :18.03.2022****Aim :**

Prepare a comparative study of specifications of Desktop and server class computers

**Procedure:****Specifications Personal Computer****1.Processor:**

10th or 11th Gen Intel Core i5, i7 or i9 Processor, or Apple M1 Processor  
(CPU)

**2.Operating System:**

Microsoft Windows 10 Home, Pro, Enterprise or Education version or  
macOS 10.15.X “Catalina” or 11.X “Big Sur.”

**3.Memory (RAM):**

8-16 GB of RAM

**4.Storage:**

240 GB solid state drive, or larger.

**5.Video/Graphics:**

Integrated or Discrete graphics processor capable of 1440 X 900 resolution, or  
better (1920 X 1080 or 1200 ideal)

**6.Monitor:**

For notebook: 13” – 17” display  
For desktop: 19” – 27” widescreen flat-panel display

**7.Mouse:**

Built-in or external trackpad, wireless and/or USB, 2-button, optical mouse

**8.Sound:**

Sound card or built-in audio, and speakers

**9.Network:**

802.11ac Wi-Fi capability.

**10.Backup device/scheme:**

External USB or Thunderbolt drive with Time Machine (Mac) or Windows backup software and/or cloud backup service/subscription

**Server Class Computer Specification****HARDWARE REQUIREMENTS**

Requires an analog display (6312, 6314, 6317, 6318, 6319, 6324, 6325, 9524, 9525, or equivalent) for system setup and service

**SOFTWARE REQUIREMENTS**

The following IBM operating systems/extensions support the PC Server 300:

OS/2 2.1 and OS/2 2.11.

OS/2 LAN Server 3.0 Entry

OS/2 LAN Server 3.01 Advanced

OS/2 Extended Services for OS/2 V1.0

OS/2 Network Transport Services/2 V2.1

PC DOS 6.1 and 6.3

The following vendor operating systems are supported in the PC Server 300:

Novell NetWare 2.2, 3.12, and 4.01