
NETWORKING & SYSTEM ADMINISTRATION LAB

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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 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