Introduction:

A server is a type of computer or device on a network that manages network resources. Servers are often dedicated, meaning that they perform no other tasks besides their server tasks. On multiprocessing operating systems, however, a single computer can execute several programs at once. A server in this case could refer to the program that is managing resources rather than the entire com

Different Types of Servers:

Proxy Server: A proxy server sits between a client program (typically a Web browser) and an external server (typically another server on the Web) to filter requests, improve performance, and share connections.

Mail Server: Almost as ubiquitous and crucial as Web servers, mail servers move and store mail over corporate networks (via LANs and WANs) and across the Internet.

Server Platforms: A term often used synonymously with operating system, a platform is the underlying hardware or software for a system and is thus the engine that drives the server.

Web Server: At its core, a Web server serves static content to a Web browser by loading a file from a disk and serving it across the network to a user's Web browser. This entire exchange is mediated by the browser and server talking to each other using HTTP.

Application Server: Sometimes referred to as a type of middleware, application servers occupy a large chunk of computing territory between database servers and the end user, and they often connect the two.

Real-Time Communication Server: Real-time communication servers, formerly known as chat servers or IRC Servers, and still sometimes referred to as instant messaging (IM) servers, enable large numbers users to exchange information near instantaneously.

FTP Server: One of the oldest of the Internet services, File Transfer Protocol makes it possible to move one or more files securely between computers while providing file security and organization as well as transfer control.

Collaboration Server: In many ways, collaboration software, once called 'groupware,' demonstrates the original power of the Web. Collaboration software designed to enable users to collaborate, regardless of location, via the Internet or a corporate intranet and to work together in a virtual atmosphere.

List Server: List servers offer a way to better manage mailing lists, whether they be interactive discussions open to the public or one-way lists that deliver announcements, newsletters or advertising.

Telnet Server: A Telnet server enables users to log on to a host computer and perform tasks as if they're working on the remote computer itself.

Open Source Server: From your underlying open source server operating system to the server software that help you get your job done, open source software is a critical part of many IT infrastructures.

Virtual Server: In 2009, the number of virtual servers deployed exceeded the number of physical servers. Today, server virtualization has become near ubiquitous in the data center.

Organization Based Server:

1. Small Organization Server
2. Medium Organization Server
3. Large Organization Server

1. Small Organization Server:

Processor	3.3 GHz Xeon E3 1225
RAM	8 GB ddr3_sdram
Hard Drive	1 TB mechanical_hard_drive

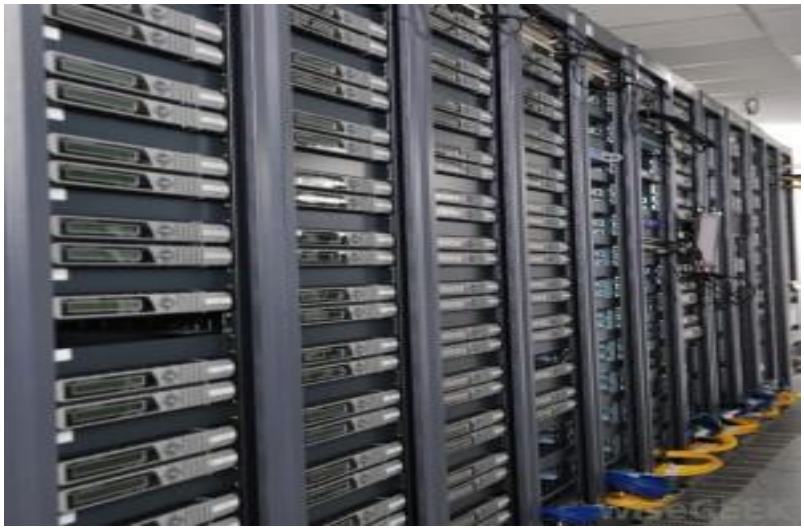
Graphics Coprocessor	Radeon HD

Series	PowerEdge
Hardware Platform	PC
Operating System	None
Item Weight	2.65 pounds
Product Dimensions	17.2 x 14.2 x 6.9 inches
Item Dimensions L x W x H	17.2 x 14.2 x 6.9 inches
Color	black
Processor Brand	Intel
Processor Count	4
Computer Memory Type	SDRAM
Hard Drive Interface	Serial ATA
Optical Drive Type	DVD±RW
Batteries	1 Lithium ion batteries required. (included)

2. Medium Organization Server:

Brand	Momentum Workstation
Model	Momentum Workstation E5-2630
Processor	2xIntel Xeon E5 2630v4 Processor (10CORE)
RAM	2x16GB DDR4 ECC 2133BUS Server Memory [Max Support 256GB]
Storage	500GB X1 SSD& 2x2TB SATA[Max Support 10 SATA Port]
Main Board	EP2C612WS Workstation Board with Intel C612 chipset
Graphics	Quadro M4000 8GB DDR5 256bit 1,664 CUDA coresNvidia Chipset
Lan	Integrated 2xGigabit LAN, RAID Support-0,1,5,10
ODD	SATA DVD RW
PSU	2X800watt real rated Redundant Server Grade
Clock Speed	[2.2GHz, 25MB Intel Smart L3 Cache, 10Core/20Thread, QPI 8.GT/s, Intel TB,LGA-2011 Socket, 14nm, 85w TDP]
Casing	In Win PV689/PL052Server chassis
Cost	380,000 Taka

3. Large Organization Server:



Dimensions (WxHxD, mm)	2U 438 x 87.5 x 730
Motherboard	MR91-FS0
CPU	2nd Generation Intel® Xeon® Scalable and Intel® Xeon® Scalable Processors Intel® Xeon® Platinum Processor, Intel® Xeon® Gold Processor, Intel® Xeon® Silver Processor and Intel® Xeon® Bronze Processor CPU TDP up to 205W
Socket	2 x LGA 3647

	Socket P
Chopset	Intel® C621 Express Chipset
Memory	24 x DIMM slots DDR4 memory supported only 6-channel memory architecture RDIMM modules up to 64GB supported LRDIMM modules up to 128GB supported Supports Intel® Optane™ DC Persistent Memory (DCPMM) 1.2V modules: 2933(1DPC)/2666/2400/2133 MHz Maximum verified DCPMM configuration: * Ambient temperature 35°C * 2nd Generation Intel® Xeon® Scalable processor 205W (Max.) * DCPMM 256GB x12 pcs DCPMM installation locations: DIMM_P0_(A1, B1, C1) DIMM_P0_(D1, E1, F1) DIMM_P1_(G1, H1, I1) DIMM_P1_(J1, K1, L1) NOTE: 1. 2933MHz for 2nd Generation Intel® Xeon® Scalable Processors only 2. Intel® Optane™ DC Persistent Memory for 2nd Generation Intel® Xeon® Scalable Processors only 3. The maximum number of DCPMM that can be installed is based on a maximum operating (ambient) temperature of 35°C 4. To enquire about installing a greater number of DCPMM, please consult with your GIGABYTE technical or sales representative
LAN	2 x 1Gb/s LAN ports (Intel® I350-AM2) 1 x 10/100/1000 management LAN
Video	Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM
Audio	
Storage	24 x 2.5" SATA/SAS hot-swappable HDD/SSD bays LSI SAS35x36 expander Bandwidth: SATAIII 6Gb/s or SAS 12Gb/s per port Default configuration supports: 0 x SAS/SATA drives
SATA	1 x 7-pin SATA III 6Gb/s with SATA DOM supported By using pin_8 or external cable for power function

Power Supply	2 x 2000W redundant PSUs 80 PLUS Platinum AC Input: - 100-127V~/ 12.5A, 50-60Hz - 200-240V~/ 12.5A, 50-60Hz DC Output: - Max 1008W/ 100-127V~ +12V/ 84A +12Vsb/ 2A - Max 2004W/ 200-240V +12V/ 167A +12Vsb/ 2A

Conclusion:

Peer-to-peer networks can be implemented with very little investment costs, but in order for the network to work properly, the users must be very experienced with computers, and strict guidelines must be implemented and followed in order for the data to remain secure and archived properly. In my experience, peer-to-peer networks tend to become more of a headache instead of a help after about 6 computers, especially if your company has a moderate employee turnover.

Reference:

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Medium Organization Server: http://onix-bd.com/Momentum-Workstation-E5-2630-price-in-bd

Large Organization Server: https://www.gigabyte.com/us/Rack-Server/R281-G30-rev-400#ov

Conclusion: https://studfiles.net/preview/1172123/page:16/