11) What are blade servers?

Sol: A blade server is a server chassis housing multiple thin, modular electronic circuit boards, known as server blades. Each blade is a server in its own right, often dedicated to a single application. The blades are literally servers on a card, containing processors, memory, integrated network controller, an optional Fiber Channel host bus adaptor (HBA) and other input/output (IO) ports.

Each blade typically comes with one or two local ATA or SCSI drives. For additional storage, blade servers can connect to a storage pool facilitated by a network-attached storage (NAS), Fiber Channel, or ISCSI storage-area network (SAN). The advantage of blade servers comes not only from the consolidation benefits of housing several servers in a single chassis, but also from the consolidation of associated resources (like storage and networking equipment) into a smaller architecture that can be managed through a single interface.

Reference: https://searchdatacenter.techtarget.com/definition/blade-server