

Maintaining systems

system 1

Current state

In current state these devices are outdated and on the low-end spectrum of performance. They are still usable for basic tasks like text editing or remote administrative work.

This system includes a motherboard that limits how it can be upgraded. It has LGA 1150 CPU socket which means we cannot use the latest Skylake series from Intel.

Although we already have an operating system installed, it is 32-bit system. Therefore, we cannot use more than 4GB of RAM.

How should we upgrade this system

Operating System	Windows 7 Professional 32-bit
CPU	Intel Pentium G3220 @ 3.00GHz Socket: FCLGA1150
RAM	4.00GB Single-Channel DDR3 @ 665MHz
Motherboard	Gigabyte Technology Co. Ltd. H81M-S2PV (SOCKET 1150)
Graphics	DELL 1708FP (1280x1024@60 Hz) Intel HD Graphics (Gigabyte)
Storage	111GB KINGSTON SV300S37A120G SCSI Disk Device (SSD), 931GB Western Digital WDC WD10EZEX-08M2NA0 SCSI Disk Device (SATA)
Optical Drives	No optical disk drives detected
Audio	Realtek High Definition Audio