

Hardware Specifications for Wired E-Detective System

1. Hardware specs for network with traffic load less than 10 Mbps – small network (probably 0-40 users)

Base on [ASUS P1-PH1]

- CPU - Intel P4 670 3.8 GHz 64bits 800/533 MHz (benchmark 641)
- 1 HDD (160G), 1G RAM, DVD-RW ROM, Add on GE Network Card

2. Hardware specs for network with traffic load up under 50 Mbps – medium size network (probably 0-200 users)

Base on [ASUS RS120-E4/PA4]

- CPU - 1 * Intel® Core™ 2 Duo 6600 2.4G (benchmark 1686)
- Chipset - Intel® 3000MCH / Intel® ICH7R / Intel® 6702 PXH
- Memory - 4 * DDR2 533/ 667 ECC Unbuffered DIMMs supports up to 8GB
- 1 * 64-bit/133MHz PCI-X (full-height /half-length)
- 1 * PCI-E x8 (full-height /half-length)
- Built in Network Card- 2 * Broadcom® BCM5721 PCI-E GbE LAN
- Size - 600mm (L) * 444mm (W) * 43.6mm (H)
- 2 HDD (250G), 2G RAM, DVD-RW ROM

3. Hardware specs for network with traffic load under 100 Mbps – big size network (probably 0-1000 users)

Base on [ASUS RS162-E4/RX4]

- CPU - Dual Core Intel® Xeon® 5160 3G (benchmark 3563) 4M L2
- Chipset - Intel® 5000P Chipset / Intel® 6321ESB I/O Controller Hub /Intel® 6702 PXH 64-bit PCI Hub
- Memory - 12 x 4 slots DDR2 533/667 Fully-Buffered DIMMs, Support up to 48G
- Built in Network Card - Intel® 82563EB Network Connection (Dual-Port)
- Size - 686mm * 444mm * 43.4mm
- 3 HDD (250G/320G), 4G Memory, 2 x GE Network Card (Intel or Broadcom is better), DVD-RW ROM

Base on [HP ProLiant DL360 G5 (416565-371)]

- CPU - 1 Intel® Xeon® 5160 3 GHz (benchmark 3563) 4M L2 cache
- HDD Control - Smart Array P400i 256 MB cache (RAID 0/1/5)
- Power - 1 x 700W, Backup Power Supply
- 3 HDD (320G), 4G Memory, 2 x GE Network Card (Intel or Broadcom is better), DVD-RW ROM

4. Hardware specs for network with traffic load of up to 600 Mbps – enterprise size network (probably 0-5,000 etc. users)

Base on [HP RX2660 64 Bits Architecture]

- CPU - Dual-core Intel® Itanium® processor x 2
- Memory - 8G RAM
- HDD - 146GB SAS x 8 RAID 5