# Network Hardware in Different Organizations

## University Network Hardware

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| Category | Hardware |
| End-User Devices | Faculty and student laptops, desktops, tablets, thin clients |
| Networking | Switches, routers, firewalls, wireless access points (APs) |
| Servers | Web servers, database servers, mail servers, research servers |
| Storage | NAS (Network-Attached Storage), SAN (Storage Area Network) |
| Security | IDS/IPS, VPN gateways, authentication servers, firewalls |
| Development | Virtual machines, cloud development platforms, CI/CD servers |
| Specialized | HPC (High-Performance Computing) clusters, AI/ML servers |

## Healthcare System Network Hardware

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| Category | Hardware |
| End-User Devices | Doctor/nurse workstations, tablets, medical kiosks, IoT devices |
| Networking | Managed switches, routers, firewalls, wireless APs, VLANs |
| Servers | Electronic Health Record (EHR) servers, PACS (imaging) servers |
| Storage | HIPAA-compliant NAS/SAN, cloud storage for patient data |
| Security | IDS/IPS, VPNs, MFA servers, biometric authentication |
| Development | Test environments for medical software, database replication |
| Specialized | Medical IoT devices, MRI/CT scan servers, telemedicine systems |

## Public Organization Network Hardware

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| Category | Hardware |
| End-User Devices | Public computers, workstations, employee laptops, tablets |
| Networking | Switches, routers, public Wi-Fi access points |
| Servers | Web servers, citizen portal servers, database servers |
| Storage | NAS/SAN for data retention, cloud storage |
| Security | Firewalls, IDS/IPS, content filtering systems, VPNs |
| Development | Web development servers, cloud services, software testing labs |
| Specialized | Smart city IoT devices, digital kiosks, surveillance systems |

## Government Organization Network Hardware

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| Category | Hardware |
| End-User Devices | Secure laptops, encrypted mobile devices, desktop workstations |
| Networking | High-security routers, managed switches, firewalls, VLANs, SD-WAN |
| Servers | Government database servers, classified data servers, mail servers |
| Storage | Secure NAS/SAN, air-gapped storage, cloud-based archives |
| Security | IDS/IPS, SIEM, biometric authentication, hardware security modules |
| Development | Isolated development environments, CI/CD pipelines, forensic labs |
| Specialized | SCADA/ICS systems, classified networks, encrypted communications |