

End Devices — Network Interfaces

Overview

Key server and endpoint devices and their physical network interface configuration. All servers are assigned **static IPs configured at the UCG Fiber**. All other devices use DHCP (with or without reservations — to be documented separately).

“ Full static IP and DHCP reservation mapping is out of scope for this page — see **Network → Logical Configuration → IP Address Management** (future page).

Server & Key Endpoint Interfaces

Device	Hostname	Location	NIC Speed	Switch	IP Assignment
MiniPC Intel Core Ultra 9	Centerpoint	Office	2.5GbE onboard	MokerLink	Static (UCG)
QNAP TS-873 (UnRAID)	Lusankya	Office	2.5GbE NIC	MokerLink	Static (UCG)
N100 Server (Home Assistant OS)	Corsec	Media Room	1GbE onboard	Media Room Switch #2	Static (UCG)
Gaming PC (RTX 3060)	Halcyon	Media Room	1GbE onboard	Media Room Switch #2 (daisy-chained)	Static (UCG)
UniFi Cloud Gateway Fiber	Whistler	Network Closet	10GbE WAN + multi-port LAN	Core (is the switch root)	Static (self)

Notable Interface Constraints

- **Halcyon** is currently wired in the Media Room via daisy-chained 1GbE unmanaged switches off a single Cat5a wall drop — bandwidth is shared with all other Media Room devices including CorSec, Smart Hubs, TV, Xbox, and PS4
 - **Lusankya** has a 2.5GbE NIC but the QNAP TS-873 onboard NICs are 1GbE — confirm which NIC is active for primary traffic
 - **Centerpoint** 2.5GbE is the bottleneck on the MokerLink → GigaPlus SFP+ uplink for inter-server traffic; Lusankya is on the same segment
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Outstanding Action Items

- ☐ Document full static IP table and DHCP reservation list (separate page)
- ☐ Confirm Lusankya active NIC (onboard 1GbE vs add-in 2.5GbE)
- ☐ Evaluate moving Halcyon to Office switch when rack buildout is complete (dedicated Cat6 run consideration)

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