Common Network Ports

LightAtom

Port	Protocol	Service	Notes
20, 21	TCP	FTP (data, control)	Unencrypted file transfer; avoid
22	TCP	SSH, SFTP, SCP	Remote login (Remote Login on a Mac)
23	TCP	Telnet	Unencrypted; legacy devices
25	TCP	SMTP	Mail between servers; often blocked by ISPs
53	UDP/TCP	DNS	Name lookups
67, 68	UDP	DHCP	Server, client
69	UDP	TFTP	Network boot, device firmware
80	TCP	HTTP	Unencrypted web
88	TCP/UDP	Kerberos	Active Directory sign-in
110	TCP	POP3	Mail download (995 with TLS)
123	UDP	NTP	Time sync (time.apple.com)
137-139	TCP/UDP	NetBIOS	Legacy Windows sharing
143	TCP	IMAP	Mail (993 with TLS)
161, 162	UDP	SNMP	Device monitoring, traps
179	TCP	BGP	Routing between networks
389	TCP	LDAP	Directories (636 with TLS)
443	TCP/UDP	HTTPS, HTTP/3 (QUIC)	Encrypted web; most app traffic
445	TCP	SMB	File sharing (Finder › Connect to Server)
465	TCP	SMTP over TLS	Mail submission, implicit TLS
500, 4500	UDP	IKE, IPsec NAT-T	IPsec VPNs (built into macOS)
514	UDP	Syslog	Log collection
548	TCP	AFP	Legacy Apple file sharing
587	TCP	SMTP submission	Sending mail from apps
631	TCP	IPP, CUPS	Printing
853	TCP	DNS over TLS	Encrypted DNS
993	TCP	IMAPS	Mail with TLS
995	TCP	POP3S	Mail with TLS
1194	UDP	OpenVPN	VPN
1433	TCP	Microsoft SQL Server	Database
1883, 8883	TCP	MQTT	IoT messaging (8883 with TLS)
3000	TCP	Dev servers	Node, Rails, React (by convention)
3306	TCP	MySQL, MariaDB	Database
3389	TCP/UDP	RDP	Windows Remote Desktop
3478	UDP	STUN, TURN	Calls and WebRTC through NAT
5000, 7000	TCP	AirPlay Receiver	Used by macOS (often collides with dev servers)
5060, 5061	TCP/UDP	SIP	VoIP signalling
5173	TCP	Vite	Dev server
5223	TCP	Apple Push (APNs)	Push notifications

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5353	UDP	mDNS, Bonjour	Local discovery
5432	TCP	PostgreSQL	Database
5900	TCP	VNC, Screen Sharing	Remote screen on a Mac
6379	TCP	Redis	Database, cache
8080	TCP	HTTP alternate	Proxies, dev servers
8443	TCP	HTTPS alternate	Admin panels, dev servers
9100	TCP	Raw printing	JetDirect printers
27017	TCP	MongoDB	Database
51820	UDP	WireGuard	VPN (default)

Three ranges

- **0–1023, well-known:** standard services. Listening on them normally needs root; since Mojave, macOS lets any user listen on them on all interfaces (0.0.0.0), but not on a specific address like 127.0.0.1.
- **1024–49151, registered:** assigned to specific applications, though many are used informally.
- **49152–65535, dynamic or ephemeral:** your Mac picks one of these as the *source* port for each outgoing connection.