

Common TCP & UDP Network Ports Cheat Sheet

Standard port assignments, transport protocols, service descriptions, and security considerations.

Live Interactive Port Scanner: <https://lotsofnetwork.com/port-checker>

Port(s)	Protocol	Service Name	Description & Security Notes
20, 21	TCP	FTP	File Transfer Protocol (Data & Control, unencrypted)
22	TCP	SSH / SFTP	Secure Shell remote terminal & encrypted SFTP transfers
23	TCP	Telnet	Legacy unencrypted remote terminal (Security hazard)
25	TCP	SMTP	Simple Mail Transfer Protocol (MTA to MTA routing)
53	TCP/UDP	DNS	Domain Name System queries (UDP) & Zone transfers (TCP)
67, 68	UDP	DHCP	Dynamic Host Configuration Protocol (Server 67 / Client 68)
69	UDP	TFTP	Trivial File Transfer Protocol (PXE boot, firmware)
80	TCP	HTTP	Hypertext Transfer Protocol (Cleartext World Wide Web)
110	TCP	POP3	Post Office Protocol v3 (Legacy cleartext email retrieval)
123	UDP	NTP	Network Time Protocol clock synchronization
143	TCP	IMAP	Internet Message Access Protocol (Cleartext email sync)
161, 162	UDP	SNMP	Simple Network Management Protocol queries & traps
389	TCP	LDAP	Lightweight Directory Access Protocol (Active Directory)
443	TCP/UDP	HTTPS / QUIC	HTTP over TLS/SSL & HTTP/3 QUIC (Encrypted Web)
465	TCP	SMTPS	Implicit SMTP over TLS for email submission
587	TCP	SMTP Submission	Standard STARTTLS email submission for mail clients
636	TCP	LDAPS	Encrypted Lightweight Directory Access Protocol over TLS
993	TCP	IMAPS	Encrypted IMAP over TLS (Modern secure email sync)
995	TCP	POP3S	Encrypted POP3 over TLS
1433	TCP	MS SQL Server	Microsoft SQL Server database listener
3306	TCP	MySQL / MariaDB	MySQL relational database network listener
3389	TCP/UDP	RDP	Microsoft Remote Desktop Protocol
5432	TCP	PostgreSQL	PostgreSQL relational database listener
6379	TCP	Redis	In-memory caching and key-value datastore
8080	TCP	HTTP Alternate	Common proxy cache, Tomcat, and dev web servers