



GPS Based NTP Time Source

Models: NTP220 & NTP270

The NTP220/270 Series NTP Appliances use multiple GPS/GNSS satellite systems to generate a local Stratum 1 NTP Time source for your equipment.

No stupid app, no online accounts, no subscription service, and no Internet needed. Manage and Monitor using CLI, SSH, and a local web browser.

Our NTP Appliances bring time synchronization to your isolated, disconnected, and air-gapped internal networks, No Internet needed.

Have Internet access, but want a local NTP source? The NTP220/270 can also provide Stratum 1 NTP to your local data center, enterprise, or ISP.



| | NTP220 | NTP270 |
|------------------------------|---|--|
| NTP Stratum | GNSS – Stratum 1 PPS-IN – Stratum 2 Network Backup – Stratum 2+ | |
| CPU | Multi-core ARM CPU at 1.2Ghz; 128MB RAM | |
| Storage | Boot: 512MB SLC NAND Flash; User: MicroSD slot | |
| Network | 10/100mbps Ethernet IPv4: Static or DHCP or Off IPv6: Static or SLAAC EUI-64, SLAAC Token, and/or DHCPv6 or Off | |
| Embedded Webserver | HTTP & HTTPS – View Only | |
| HTTPS Certificate Management | Let's Encrypt or other ACME servers, HTTP and DNS types | |
| Admin Console / CLI | USB or SSH | |
| Max NTP Clients | Tracked: 100,000 unique IPs with JSON & CSV Export Untracked: 1,000,000 unique IPs Packet Rate: 10,000 packets/second | |
| Network ACLs | Seperate ACLs for NTP, SSH, HTTP/S, SNMP | |
| Cloud-Free Technology | No stupid App, No online accounts, No subscription service, No Internet needed | |
| GNSS Constellations | GPS, GLONASS, Galileo, and/or BeiDou (Not all combinations supported) | |
| Internal Power Backup | 3+ Hours for GPS and RTC | |
| Data Export | JSON System & Client data Prometheus-compatible Metrics Endpoint | |
| Protocol Support | NTPv4, SNTP, SSH, HTTP, HTTPS, SNMPv2, LLDP | |
| PPS Input/Output | 5V Output Rising Edge; Wide-voltage-range Input Rising Edge | |
| Power | 1W Typical, 5W Max 9-24V DC Barrel Input | 1W Typical, 5W Max 9-24V DC Barrel Input and/or 802.3af/at PoE Input |

Power Supply Choices

| | |
|-----------------|--|
| No Supply | Use PoE or provide your own supply |
| 9V or 12V 1A DC | US (Type A), EU (Type C), UK (Type G), AU (Type I) |

Antenna Choices

| | |
|-------------------------|---|
| Indoor | Puck Antenna with Magnetic Base – 3M Cable |
| Outdoor Fixed Base | Dome with Screw Mount and either 5M or 10M Cable |
| Outdoor Multi-Axis Base | Dome with Screw Mount and either 5M or 10M Cable Base |



centerclick.com +1-603-318-0251
info-2025@centerclick.com