# LeoNTP
# Network Master Clock/Time Server

LeoNTP is a Stratum 1 Master Clock / Time server with GPS synchronised clock source designed from the ground up with the sole purpose of providing a cost effective but highly accurate and extremely high performing networked time server. Extremely easy to setup and configurable with flexible power options it can provide accurate synchronised time for your LAN, WAN, CCTV, PLC, Telephone systems or anywhere accurate time is required.

Key Features



- True Stratum 1 NTP Compatible Time Server.
- Can serve tens of thousands of clients.
- Very cost effective
- Supports NTP/SNTP
- Front OLED Display for time display and configuration.

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|---|---|
| **Network** | 10/100Mb RJ45 Autosensing |
| | IPV4 DHCP/Static IP |
| **Time Protocols** | NTP V2, V3, V4, SNTP V3, V4 |
| **NTP Requests/Sec** | >100K (Wire speed) |
| | > 1million concurrent clients typical |
| **GPS** | 72 Channel |
| | -167dBm Sensitivity |
| | Power for active antenna supplied via bias tee. |
| **Timing Performance** | |
| GPS Accuracy | 30ns RMS, 60ns 99% |
| | Cold start acquisition < 30s |
| NTP Accuracy (Typical) | < 1µS |
| Holdover Performance | Typically 1-4ms over 24 hours |
| **Power** | USB / 48V PoE (802.3af) only. |
| | 1W. |
| **Mechanical Dimensions** | 80mm x 150mm x 25mm |
| **BNC Output** | PPS/1Mhz/10Mhz |
| | Accuracy 30ns RMS, 60ns 99% |
| **Warranty** | 1 year return to base. |
| | Lifetime Firmware updates and support. |
| **In the box** | 1 x LeoNTP Device |
| | 1 x GPS Puck antenna with 3 meter cable |
| | 1 x USB Cable |
| | 1 x 2 meter RJ45 Patch cable. |
| **Options** | BNC to MCX Cable |
| | External Timing antenna |

Purchase link http://leontp.com/purchase