



# ADVANTECH NTPv4 Router App User Guide

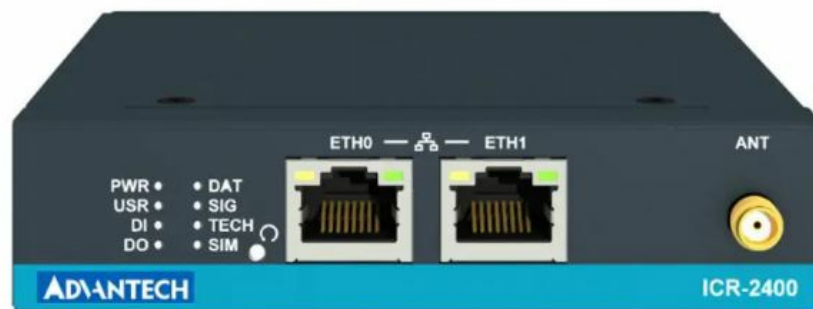
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# ADVANTECH

## ADVANTECH NTPv4 Router App



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## Used symbols



**Danger** – Information regarding user safety or potential damage to the router.



**Attention** – Problems that can arise in specific situations.



**Information** – Useful tips or information of special interest.



**Example** – Example of function, command or script.

## Changelog

### NTPv4 Changelog

v1.0.0 (2020-06-29)

### First release

v1.1.0 (2020-10-01)

### Updated CSS and HTML code to match firmware 6.2.0

v1.2.0 (2021-04-22)

## Description of the module

Router app NTPv4 is not contained in the standard router firmware. Uploading of this router app is described in the Configuration manual (see Chapter Related Documents). The Network Time Protocol (NTP) is widely used to synchronize computer clocks on the Internet. NTPv4 includes a modified protocol header to accommodate the Internet Protocol version 6 address family. NTPv4 includes fundamental improvements in the mitigation and discipline algorithms that extend the potential accuracy to the tens of microseconds with modern workstations and fast LANs. Ntpq and commands are supported from module version 1.2.0.

## Web Interface

Once the installation of the module is complete, the module's GUI can be invoked by clicking the module name on the Router apps page of the router's web interface. The left part of this GUI contains a menu with the Configuration menu section and an Information menu section. The customization menu section contains only the Return item, which switches back from the module's web page to the router's web configuration pages. The main menu of the module's GUI is shown in Figure 1.



Figure 1: Menu

## Configuration

### NTP

Configuration of this router app can be done on the Global page, under the Configuration menu section. All configuration items for the Global configuration page are described in the table below.

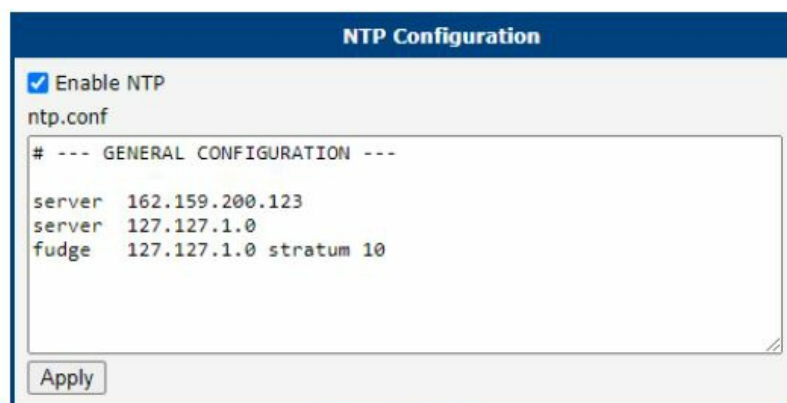


Figure 2: NTP

## Item Description

- Enable NTP Enabled, NTP functionality of the module is turned on.
- Table 1: Configuration Example Items Description

## Information

### Licenses

You can check the license on the NTP Licenses Page in the Information section in the main menu.

NTP Licenses		
Project	License	More Information
ntp	NTP	<a href="#">License</a>


Figure 3: Licenses

## Related Documents

You can obtain product-related documents on the Engineering Portal at [icr.Advantech.cz](http://icr.Advantech.cz) address. To get your router's Quick Start Guide, User Manual, Configuration Manual, or Firmware go to the Router Models page, find the required model and switch to the Manuals or Firmware tab, respectively. The Router Apps installation packages and manuals are available on the Router Apps page. For the Development Documents, go to the DevZone page.

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## Documents / Resources

	<p><a href="#">ADVANTECH NTPv4 Router App</a> [pdf] User Guide NTPv4 Router App, NTPv4, Router App, App</p>
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## References

- [A Advantech 4G, 5G Cellular Routers & Gateways for IoT applications - Engineering Portal](#)
- [A Advantech 4G, 5G Cellular Routers & Gateways for IoT applications - Engineering Portal](#)
- [A DevZone - Cellular Routers Engineering Portal](#)
- [A Router Apps - Cellular Routers Engineering Portal](#)
- [A Router Models - Cellular Routers Engineering Portal](#)
- [User Manual](#)