

GigaCore
ETHERNET SWITCHES

RELEASE NOTES

VERSION 1.0.0

RELATED PRODUCTS:

GIGACORE 30I

DOCUMENT INFORMATION

GigaCore 30i - Firmware version 1.0.0.

This is an initial release to support the GigaCore 30i and future variants of this platform.

GigaCore 30i firmware comes by default with the feature set listed below.

NEW

1 | FEATURE SET:

- Out of the box unique default IP address.
- 20 pre-configured groups / VLANs with in each group:
 - IGMP querier enabled (automatic election)
 - IGMP snooping enabled
 - IGMP unknow flooding disabled
- DiffServ and QoS configured and optimized for AV protocols.
- PTP v2 end-to-end transparent clock on every port in every group.
- RLinkX: Fast link redundancy enabled on every port, also with multicast data (20-40ms).
- Fully automatic fan control for silent operation and a cool environment .
- Hot-swappable power technology that can be used in shared or redundant (default) mode.
- RGB colour LED's per port indicating Group (VLAN) assignment or PoE indication.
- Configurable via intuitive build in web interface or Araneo software (from v1.5.0).
<https://www.luminex.be/products/software/araneo>

KNOWN ISSUES

- AVB is not supported yet in this release but will be supported, as a standard feature, in a future firmware version.
- IGMP querier is enabled by default in every pre-populated group (20 groups) and custom group, with a maximum of 30 queriers in total.