TONN9
Controller

Eliminating complexity and elevating performance.

OVERVIEW

The Trend Open Network Node 9 (TONN9) is a compact IoT (Internet of Things) controller and server platform that has been further evolved to function with legacy systems whilst having the ability to scale for future needs.

With its Trend IP Driver and utilising IQVISION v4.15, the TONN9 ensures a Trend system can interface simply and reliably with multiple and diverse devices and sub-systems, including BACnet, OBIX, LONWORKS®, KNX, MODBUS, and M-BUS. It can interact with third-party systems, reading and writing data for IQ controllers.

INCREASED PERFORMANCE

- **Processor Upgrade:** Quad-core 1.6 GHz processor compared to previous model's single-core 1 GHz processor.
- **RAM & Storage Upgrade:** Double the RAM and includes 8GB of onboard flash storage, compared to previous model's 4GB SD card.
- **Startup Efficiency:** Faster startup and station load time.

SECURING THE FUTURE

- **IQVISION v4.15:** Supports new multistate module types and digital state text for IQ5 controllers operating on firmware v2.10 or later.
- **Cybersecurity:** Featuring Secure Boot to deliver trusted software execution and enhanced cybersecurity for secure deployment in modern building automation environments.
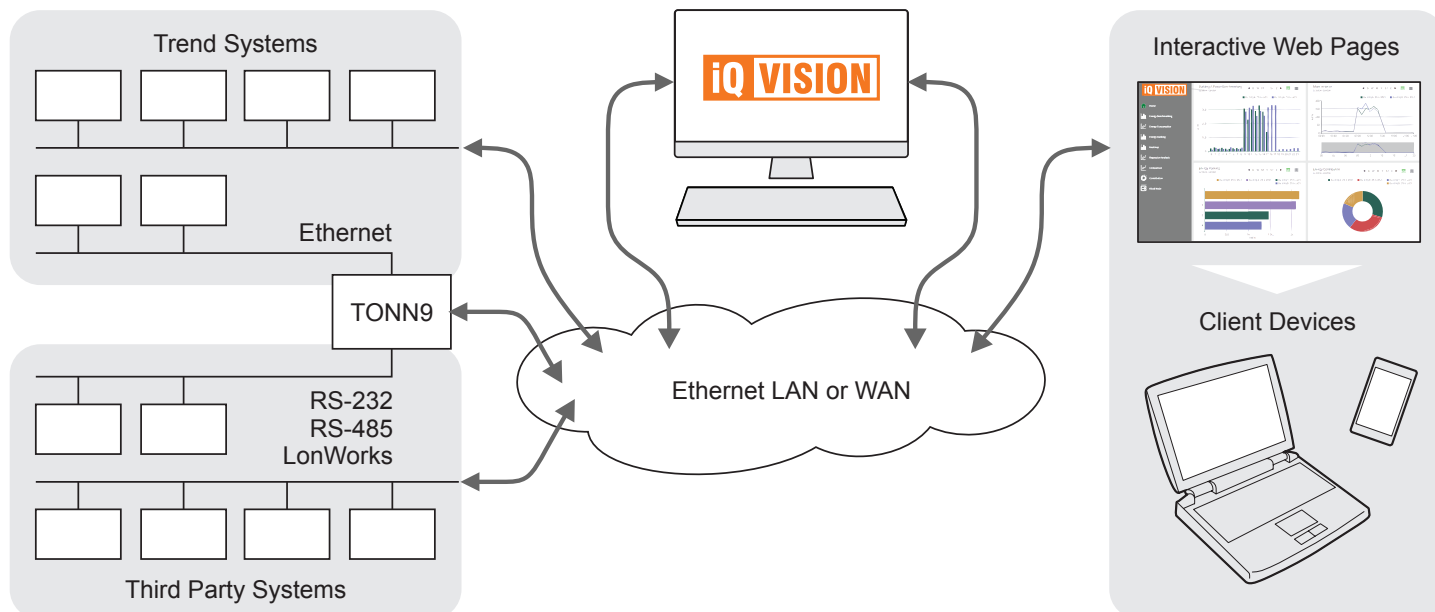
SIMPLIFIYING INSTALLATION AND EASY UPGRADES

- **Ease of ordering:** TONN9 offers 1-for-1 Part number/SKU swaps with TONN8, including wireless models.
- **Backwards compatible:** Identical footprint and wiring layout for easy replacement and is fully compatible with existing expansion modules.
- **Tool-less:** for quick and hassle-free installation every time.

TREND

TONN9

System Architecture

TONN9

PART NUMBER	DESCRIPTION
TONN-9100-24	TONN9 NO WIFI 100PTS 1YR S/W UPDATE
TONN-9250-24	TONN9 NO WIFI 250PTS 1YR S/W UPDATE
TONN-9500-24	TONN9 NO WIFI 500PTS 1YR S/W UPDATE
TONN-91250-24	TONN9 NO WIFI 1250PTS 1YR S/W UPDATE
TONN-95000-24	TONN9 NO WIFI 5KPTS 1YR S/W UPDATE
TONN-910000-24	TONN9 NO WIFI 10KPTS 1YR S/W UPDATE
TONN-W05-9100-24	TONN9 WIFI 100PTS 1YR S/W UPDATE
TONN-W05-9250-24	TONN9 WIFI 250PTS 1YR S/W UPDATE
TONN-W05-95000-24	TONN9 WIFI 500PTS 1YR S/W UPDATE
TONN-W05-9500-24	TONN9 WIFI 500PTS 1YR S/W UPDATE
TONN-W05-910000-24	TONN9 WIFI 1000PTS 1YR S/W UPDATE.
TONN-W05-91250-24	TONN9 WIFI 1250PTS 1YR S/W UPDATE
TONN-9-24	TONN9 NO WIFI W/O LICENSE
TONN-W05-9-24	TONN9 WITH WIFI ZONE 2 W/O LICENSE

ACCESSORIES

PART NUMBER	DESCRIPTION
TONN-9-SD	TONN9 SD CARD
TONN-9-CLIP	TONN9 CLIP

DOCUMENTS

- TONN9 Data Sheet - TA201518
- TONN9 Installation Instructions - Mounting - TG201519

- TONN9 Release Notes - TP201516
- TONN9 Manual - TE201520

SOFTWARE UPDATE AGREEMENTS

TONN9 ships with an 18 month free software update agreement. The below additional periods of cover can be purchased.

PART NUMBER	DESCRIPTION
TONN-SMA-9005-1YR	TONN9/1YR S/W UPDATES FOR 0-499 PTS
TONN-SMA-9005-3YR	TONN9/3YR S/W UPDATES FOR 0-499 PTS
TONN-SMA-9005-5YR	TONN9/5YR S/W UPDATES FOR 0-499 PTS
TONN-SMA-9010-1YR	TONN9/1YR S/W UPDATES FOR 500-1249 PTS
TONN-SMA-9010-3YR	TONN9/3YR S/W UPDATES FOR 500-1249 PTS
TONN-SMA-9010-5YR	TONN9/5YR S/W UPDATES FOR 500-1249 PTS
TONN-SMA-9025-1YR	TONN9/1YR S/W UPDATES FOR 1250-4999 PTS
TONN-SMA-9025-3YR	TONN9/3YR S/W UPDATES FOR 1250-4999 PTS
TONN-SMA-9025-5YR	TONN9/5YR S/W UPDATES FOR 1250-4999 PTS
TONN-SMA-9100-1YR	TONN9/1YR S/W UPDATES FOR 5000-9999 PTS
TONN-SMA-9100-3YR	TONN9/3YR S/W UPDATES FOR 5000-9999 PTS
TONN-SMA-9100-5YR	TONN9/5YR S/W UPDATES FOR 5000-9999 PTS
TONN-SMA-9200-1YR	TONN9/1YR S/W UPDATES FOR 10000+ PTS
TONN-SMA-9200-3YR	TONN9/3YR S/W UPDATES FOR 10000+ PTS
TONN-SMA-9200-5YR	TONN9/5YR S/W UPDATES FOR 10000+ PTS

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