

FortiGate LENC models

Some FortiGate models support a low encryption (LENC) license. With an LENC license, FortiGate devices are considered low encryption models and are identified by *LENC*, for example FG-100E-LENC.

With an LENC license applied to FortiGate, FortiOS boots up with BIOS security level 0, but after applying a crypto license to upgrade to a high encryption model, the FortiGate boots up with BIOS security level 2. See [BIOS-level signature and file integrity checking](#) for more information.

LENC models cannot use or inspect high encryption protocols, such as 3DES and AES. LENC models only use 56-bit DES encryption to work with SSL VPN and IPsec VPN, and they are unable to perform SSL inspection.

This topic contains the following sections:

- [FortiGate model support for LENC license on page 1](#)
- [FortiOS support for FortiGate models with LENC license on page 2](#)

FortiGate model support for LENC license

Following is the list of FortiGate models that support the LENC license:

- FG-60F-LENC
- FG-Rugged-60F-LENC
- FG-61F-LENC
- FG-80F-LENC
- FG-100F-LENC
- FG-101F-LENC
- FG-200E-LENC
- FG-201E-LENC
- FG-201F-LENC
- FG-400E-BYPASS-LENC
- FG-400F-LENC
- FG-401E-LENC
- FG-600E-LENC
- FG-600F-LENC
- FG-601E-LENC
- FG-800D-LENC
- FG-900D-LENC
- FG-1000D-LENC
- FG-1100E-LENC
- FG-1101E-LENC
- FG-1800F-LENC
- FG-1801F-LENC
- FG-2000E-LENC

- FG-2201E-LENC
- FG-2500E-LENC
- FG-2601F-LENC
- FG-3301E-LENC
- FG-3400E-LENC
- FG-3401E-LENC
- FG-3500F-LENC
- FG-3960E-LENC
- FG-4201F-LENC
- FG-4400F-LENC
- FG-4401F-LENC
- FG-6301F-LENC
- FG-6501F-LENC

FortiOS support for FortiGate models with LENC license

Following is a method for determining what version of FortiOS firmware supports the FortiGate model with LENC license:

1. Determine whether the FortiGate model supports an LENC license by using the list in this document.
For example, the FG-100E-LENC model in the list indicates that the FG-100E model supports the LENC license.
2. Determine what version of FortiOS firmware supports the FortiGate model by using the FortiOS release notes on the [Fortinet Document Library](#).
Each *FortiOS Release Notes* list the supported models.
For example, if you want to locate FortiOS support for the FG-100E-LENC model, look for the FG-100E model in the [FortiOS 7.4.3 Release Notes](#) to find out that FortiOS 7.4.3 supports the FG-100E model, which supports the LENC license.

Change Log

Date	Change Description
2022-03-03	Initial release.
2022-05-19	Updated for May 2022 price list.
2024-05-22	Updated for May 2024 price list and added information about BIOS security level.