

# Fortanix FX3400 Appliance

The only integrated HSM and KMS on the market designed for the Cloud



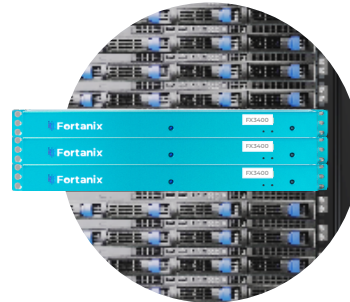
Fortanix FX3400 appliance was born in the Cloud and is used across the globe, in the largest Data Centers. Designed to deliver secure Key Management, Hardware Security Module and Cryptography services.

The Fortanix FX3400 appliance is the ideal building block for implementing Fortanix Data Security Manager in a private cloud or as a managed service. With Fortanix Data Security Manager, you can securely generate, store, and use cryptographic keys and certificates, as well as secrets, such as passwords, API keys, tokens, or any blob of data. Built from the ground up for modern cloud applications, Fortanix Data Security Manager provides REST APIs alongside traditional interfaces, native server-side clustering, centralized management, secure audit logs, and more!



## HSM-grade Security with Software-defined Simplicity

- FIPS 140-3 level-3 compliant
- Integrated HSM, key management, plug-in and tokenization
- Secured with Intel® SGX to ensure that only authorized user has access to your keys and data



## Trusted Auto Scaling

- Get started with as little as three FX3400 appliances
- Trusted auto-scaling by using quorum distributed computing
- Supports on-premises, hybrid cloud or multi-cloud applications




## Always On

- Highly available, Always-on clustered design
- Non-disruptive upgrade and maintenance operations
- Central monitoring tools and integrations
- Robust application support and services

# Technical Specifications

## Fortanix FX3400 Appliance Specification

ITEMS	SPECIFICATION
Cryptography	Full NSA Suite B algorithms and <a href="#">more</a>
Interfaces supported	REST APIs, PKCS#11, Microsoft CAPI and CNG, JCE, KMIP
Certifications	FIPS 140-3 Level 3*
Operating environment	Fortanix Data Security Manager
Management / Monitoring	Centralized Management with Web UI, CLI and APIs Syslog, Splunk integration
High Availability	Scale-out clustered design with built-in HA / DR
Reliability	Non Rotating media-Solid State Devices Dual Redundant Power Supplies, FRUs (Field Replaceable Units) MTBF 156,000 hours (basis of parts count method)
Network Connectivity	Dual Copper 10 Gigabit Ethernet, 10GBASE-T, IEEE 802.3an, supporting link aggregation Gigabit Ethernet, 1000Base-T 100 Mb Ethernet : 100BASE-TX 1 x IPMI port: Gigabit Ethernet 1000Base-T
(Fibre Unit only)	Dual SFP28 (Small Form Factor Pluggable) supports: SFI interfaces supports 25GBASE-R PCS and 25 Gigabit PMA in order to connect with SFP28 to 25GBASE-SR
Intel SGX	Enabled 
Memory	128 GB high speed memory
Power Supply	Dual redundant 500 W AC power supplies

\* Certification pending

Dimensions	1U Rackmount 19" or 482.6 mm (w) x 22" or 559 mm (d) x 1.75" or 44.45 mm (h)
Weight	25 lbs or 11.34 kg
Voltage / Frequency	100 V, 63 Hz, 5 A to 240 V, 47 Hz, 2.5 A
Thermal Rating	1939 BTU/hr (maximum)
Temperature	Operating: 0 °C to 40 °C; storage: -40 °C to 70 °C
Safety and Environmental	FCC, CE, GS, RoHS, C-Tick



Front view of Fortanix Appliance (FX3400)



Fiber Unit Rear view of Fortanix Appliance (FX3400)



Copper Unit Rear view of Fortanix Appliance (FX3400)