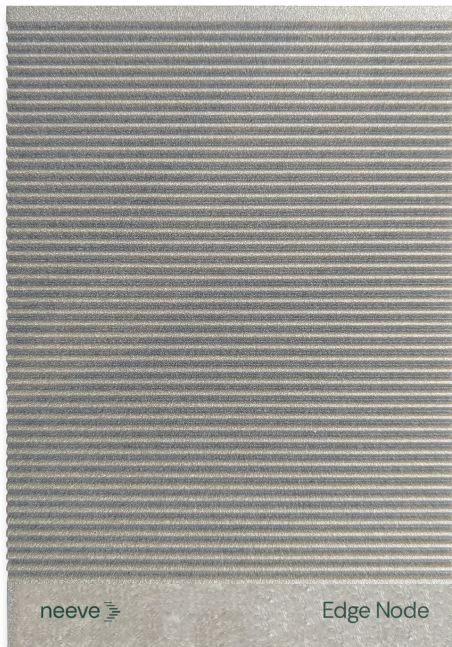


Secure EdgeSM Professional

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Product
Data Sheet

The Secure Edge Professional appliance integrates with the Neeve Secure Edge Platform to offer a comprehensive solution for OT cybersecurity, zero-trust remote access, and edge application deployment. The Professional offering is a fanless, robust device tailored for larger deployments that require security and remote access for a large number of devices, and where multiple edge applications have substantial CPU and memory needs.



The Secure Edge Professional is suitable for use cases such as:

- Deploying multiple edge applications such as Switch Automation, Auvik, Facilio, Iceberg Cyber and Tridium Niagara or Neeve's OT Edge Integration service to stream a few hundred data points to the cloud.
- Securing and remotely managing equipment at a large commercial office building.
- Providing remote access to sites during commissioning and construction.

One Professional appliance is sufficient for a building, but additional devices can be installed if networks terminate in separate physical locations and need to be connected and converged in the cloud.

HIGH CAPACITY & RESILIENCY

- Support for 16 LANs and 100 Endpoint Connections
- Support for multiple edge applications with greater compute and memory than Basic SKU
- Support for up to 5 SDWAN tunnels
- Unlimited remote access sessions
- Suitable for high-availability and edge-clustering configurations when upgraded to High Availability

Hardware Specifications

The Professional appliance is provided as a managed service on subscription basis. The device specifications are below, but may be subject to change based on hardware availability.

GENERAL

Dimensions (W x D x H)	200 x 140 x 40 mm/7.8 x 5.6 x 1.6 in
Weight (Net)	1.4 kg/3.09 lbs
Enclosure	Aluminum
Mount Options	Stand, wall, shelf (optional sku)
Power Requirement	10 ~ 36VDC (1x 2-pin terminal block)
Power Consumption	30.2W (typical), 85W (max.)
Operating Temperature	-20 ~ 60 °C/ -4 ~ 140 °F @ 5 - 85% RH with 0.7 m/s airflow

SYSTEM HARDWARE & INTERFACES

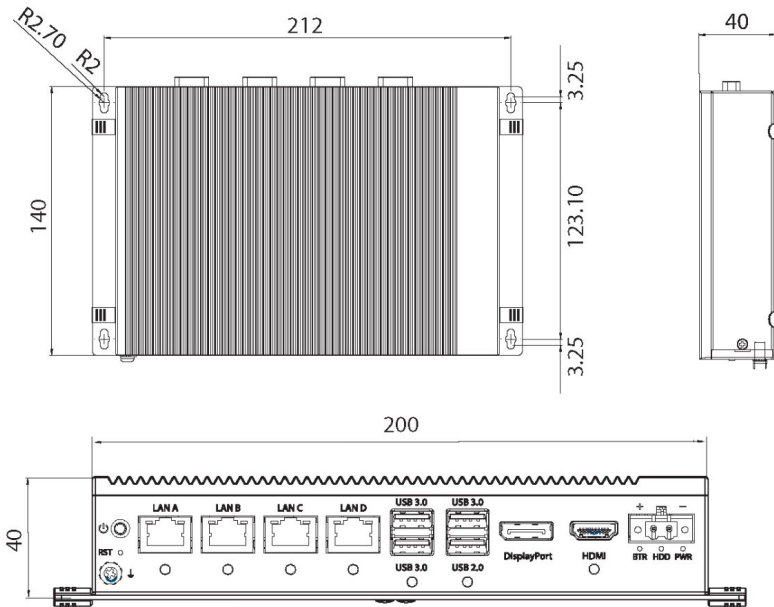
Hardware Security	TPM2.0
Processor	Intel® Core® : i3-7100U 2.4 GHz
Memory	16 GB DDR4 2133 MHz onboard
Graphics Engine	Intel® HD Graphics 520/620
Storage	512GB 2.5 inch SSD <i>(external storage support disabled for security)</i>
Expansion Slot	1 mPCIe
LAN Ports	4 x RJ45, 10/100/1000 Mbps 1000BASE-T Fast Ethernet
Serial Ports	4 x RS 232/422/485
USB Ports	4 x USB 3.0 <i>(use for external storage disabled for security)</i>
Display Output	1 x HDMI (1920 x 1080 @60Hz) 1 x DP 1.4a (4096x2304@60Hz)
Power Connector	1 x 2 Pins, Terminal Block
Power Adapter	151.3 x 75.6 x 25.4 mm/5.95 x 2.98 x 1.00 in
Surge Protection Rating	EN/IEC61000-4-5, Level 2, Performance Criterion B rated

Hardware Specifications

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DIMENSIONS & PORTS

Units = mm



INCLUDED WITH HARDWARE

- (2) RJ45 Ethernet cables 3ft
- (1) 36V Power supply
- (1) Power cord North America & Taiwan 6 ft
- (1) Power cord UK 6 ft
- (1) Power cord EU 6 ft
- (1) Power cord Australia & China 6 ft

HAZARDOUS LOCATION CERTIFICATIONS

- Class I, Division 2
- ATEX / IECEx



Ordering Information

	Description	SKU
Secure Edge Professional	Hardware and software as a service. Available in 1 or 3 year term	SE-PROFESSIONAL
Secure Edge Professional - Virtual	Software as a service-only, available as VMWare, Azure, GCP and AWS images.	SE-PROFESSIONAL-VIRTUAL

Optional Products

The base functionality of Neeve’s Secure Edge Professional appliance can be extended with a host of services and add-on products.

	Description	SKU
Pre-configuration	For customers with high-volume of bespoke site configuration such as static WAN, devices can be pre-configured in the factory prior to shipping.	SERVICES-PROSERVICES-PRECONFIG
Remote Access Agent Additional End Users License	License to enable end users to use a desktop or mobile agent to securely connect native applications to devices in a building. 10-pack license	SE-REMOTEACCESS-ENDUSER-ADDITIONALUSERS-10
High Availability	Enables capability for High availability & Clustering on a node; Cost is per node; Only available for Secure Edge; Multi-tenant cloud environment with global (non-regionalized) hosting;	SE-HA
OT Edge Integration Service - Site License	Annual license for application framework for BACNet, Modbus and Fox integrations. Available with 1 or 3 year term.	SE-APP-EDGEINTEGRATION
Supplemental Appliance	Supplemental appliance for cases where networks terminate in physically separate locations and need to be converged in the cloud. Available with 1 or 3 year term.	SE-SUPPLEMENTAL-PRO
Enterprise Cloud & Support	Enterprise-grade cloud. Regionalized dedicated cloud tenant with custom domain; Regionalized cloud connectors for performance optimization (1 per 25 nodes); Universal cloud gateway with unified IP; Improved SLAs & Support;	SE-ENTERPRISECLOUD