

# Secure Edge<sup>SM</sup> Basic

neeve

Product  
Data Sheet

The Secure Edge Basic 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 Basic offering is a fanless, robust device tailored for smaller deployments that require security and remote access for a limited number of devices, and where edge applications have modest CPU and memory needs.

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

- Deploying 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 retail branch location or a small multi-family building remotely.
- Providing remote access to sites during commissioning and construction.

One Basic 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.



## FEATURES

- Support for up to 2 LANs and 25 Endpoint Connections
- LTE model available
- Support for up to 2 edge applications due to limited compute and memory resources
- 10 Monthly Active Users for Remote Access Agent
- Up to 5 concurrent remote access sessions
- Not suitable for high-availability and edge-clustering configurations

## Hardware Specifications

The Basic 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

<b>Dimensions (W x D x H)</b>	100 x 70 x 30 mm/3.9 x 2.8 x 1.2 in
<b>Weight (Net)</b>	0.5 kg/1.1 lb
<b>Enclosure</b>	Aluminum
<b>Power Requirement</b>	10 ~ 30VDC
<b>Power Consumption</b>	12W (typical), 30W (max.)
<b>Operating Temperature</b>	-20 ~ 60 °C (-4 ~ 140 °F) with 0.7m/s airflow
<b>Storage Temperature</b>	-40 ~ 85 °C /-40 ~ 185 °F
<b>Ingress Protection</b>	IP30

### SYSTEM HARDWARE & INTERFACES

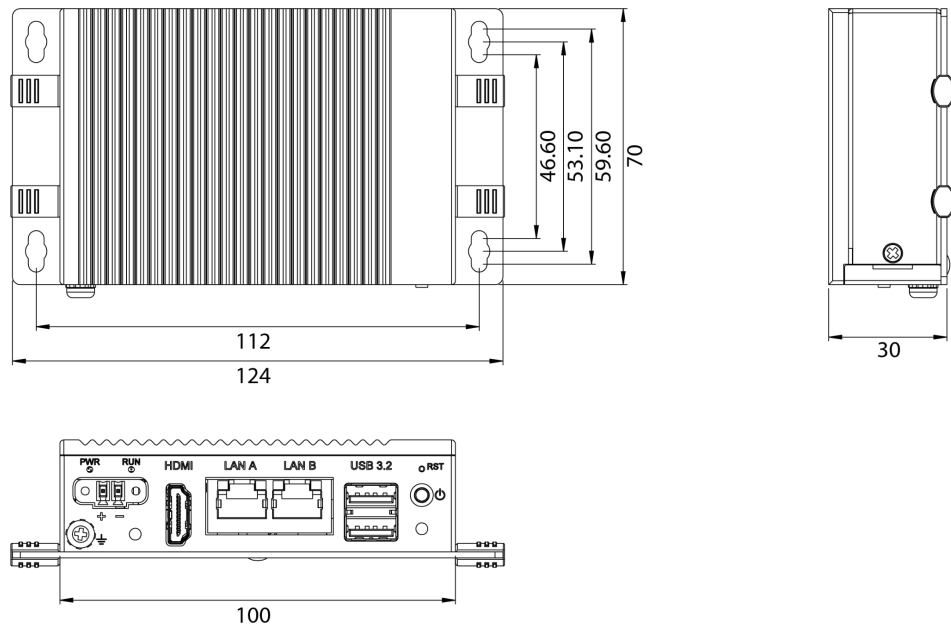
<b>Hardware Security</b>	TPM2.0
<b>LAN Ports</b>	2 x RJ45, 10/100/1000 Mbps 1000BASE-T Fast Ethernet
<b>USB Ports</b>	2 x USB 3.2 <i>(use for external storage disabled for security)</i>
<b>Display Output</b>	1 x HDMI (1920 x 1080 @60Hz)
<b>Power Connector</b>	1 x 2-pin terminal block
<b>Power Adapter</b>	107.95 x 57.15 x 31.75 mm/4.25 x 2.25 x 1.25 in
<b>Surge Protection Rating</b>	EN/IEC61000-4-5, Level 2, Performance Criterion B rated
<b>LTE Module (optional)</b>	<p>Quectel EG25-GL Mini PCIe - IoT/M2M-optimized LTE Cat 4 Module Worldwide LTE, UMTS/HSPA(+) and GSM/GPRS/EDGE coverage</p> <p><i>Frequency Bands:</i>                      LTE-FDD B1/2/3/4/5/7/8/12/13/18/19/20/25/26/28/66                      LTE-TDD B34/38/39/40/41                      WCDMA B1/2/4/5/6/8/19                      GSM/EDGE B2/3/5/8</p> <p><i>Max Data Rates:</i>                      LTE-FDD (Mbps) 150 (DL)/50 (UL)                      LTE-TDD (Mbps) 130 (DL)/30 (UL)                      DC-HSPA+ (Mbps) 42 (DL)/5.76 (UL)                      WCDMA (kbps) 384 (DL)/384 (UL)                      EDGE (kbps) 296 (DL)/236.8 (UL)                      GPRS (kbps) 107 (DL)/85.6 (UL)</p> <p><i>Regulatory Certifications:</i>                      Global: GCF, EU: CE, NA: FCC, UK: UKCA, CA: IC, TW &amp; CN: NCC, US &amp; NZ: RCM</p>

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### DIMENSIONS & PORTS

Units = mm



### INCLUDED WITH HARDWARE

- (2) RJ45 Ethernet cables 3ft
- (1) 30V Power supply
- (1) Power cord (Region specific)
- (1) DIN Rail Mount



## Ordering Information

	Description	SKU
<b>Secure Edge Basic</b>	Hardware and software as a service. Available in 1 or 3 year term	<b>SE-BASIC</b>
<b>Secure Edge Basic - Virtual</b>	Software as a service-only, available as VMWare, Azure, GCP and AWS images.	<b>SE-BASIC-VIRTUAL</b>

## Optional Products

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

	Description	SKU
<b>Pre-configuration</b>	For customers with high-volume of bespoke site configuration such as static WAN, devices can be pre-configured in the factory prior to shipping.	<b>SERVICES-PROSERVICES-PRECONFIG</b>
<b>Remote Access Agent Additional End Users License</b>	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	<b>SE-REMOTEACCESS-ENDUSER-ADDITIONALUSERS-10</b>
<b>Supplemental Appliance</b>	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.	<b>SE-SUPPLEMENTAL-BASIC</b>
<b>Enterprise Cloud &amp; Support</b>	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;	<b>SE-ENTERPRISECLOUD</b>