

# In the Boxing Ring

## SEP 2019



## Network Box Technical News

from **Mark Webb-Johnson**

Chief Technology Officer, Network Box

### Welcome to the September 2019 edition of In the **Boxing Ring**

This month, Network Box is excited to introduce our new small office / home office UTM+ model, the **S-80i**. Built on a 64bit Intel processor, this model is equipped with 8GB RAM and a 256GB SSD storage drive. It offers six independent high speed 1Gbps ethernet ports (which can be configured either as individual ports or a bridged switch arrangement). On page 2 we highlight more details and the technical specifications of the new hardware unit.

On page 3, we highlight the features and fixes to be released in this month's patch Tuesday for Network Box 5.

In other news, Network Box is proud to announce that the company won the *Best Managed Security Service Provider Award*, at this year's **e-brand Awards**. In addition, Network Box Hong Kong held a cybersecurity seminar titled: *The Dark Web: the dark side of the Internet*. And in this month's Media Coverage, Network Box USA was interviewed by **CRN**; and Network Box Germany was featured in **funkschau**.



**Mark Webb-Johnson**

CTO, Network Box Corporation Ltd.  
September 2019

### Stay Connected

You can contact us here at Network Box HQ by email: **nbhq@network-box.com**, or drop by our office next time you are in town. You can also keep in touch with us by several social networks:



<https://twitter.com/networkbox>



<https://www.facebook.com/networkbox>  
<https://www.facebook.com/networkboxresponse>



<https://www.linkedin.com/company/network-box-corporation-limited/>



<https://www.youtube.com/user/NetworkBox>

### In this month's issue:

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##### S-80i Hardware Platform

The Network Box S-80i model is available right now, and can be used to protect small offices, home offices, retail outlets, restaurants, logistics operations, and other smaller sites, which require either require Unified Threat Management Plus, and/or Virtual Private Network protection. For more details and technical specifications, please go to page 2.

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##### Network Box 5 Features

The features and fixes to be released in this month's patch Tuesday for Network Box 5.

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##### Network Box Highlights:

- **e-brand Awards 2019**  
Best Managed Security Service Provider
- **Network Box Cybersecurity Seminar**  
The Dark Web: the dark side of the Internet
- **Network Box Media Coverage**
  - CRN
  - funkschau



# S-80i

## Hardware Platform

Network Box is excited to announce our new S-80i Small Office / Home Office UTM+ (Unified Threat Management Plus) model.

Built on a 64bit Intel processor, this model is equipped with 8GB RAM and a 256GB SSD storage drive. It offers six independent high speed 1Gbps ethernet ports (which can be configured either as individual ports or a bridged switch arrangement).

Utilizing a passive cooling system, as with our other S-series and 5Q models, no cooling fans are needed as the entire top of the unit is a heat sink. This results in a dust resistant environment, that is completely silent in operation, with no moving parts. The S-80i runs the latest multi-award winning Network Box managed cybersecurity version 5.5 software platform, to offer superior functionality, optimized performance, and enhanced reporting capabilities.

**The Network Box S-80i model is available right now, and can be used to protect small offices, home offices, retail outlets, restaurants, logistics operations, and other smaller sites, which require either Unified Threat Management Plus, and/or Virtual Private Network protection.**

## Technical Specifications

<b>Processor</b>	64bit, 3.10GHz, 2 physical cores
<b>RAM</b>	8GB, 2133MHz DDR4
<b>Storage</b>	1 x 256GB mSATA SSD Industrial Grade
<b>Networking</b>	6 x 1Gb RJ45
<b>Power Supply</b>	60w (external)
<b>Chassis</b>	Desktop SFF Fanless
<b>I/O Interface</b>	1 x reset button 1 x RJ45 Management Console 2 x USB 3.0
<b>Physical Dimensions</b>	155mm(w) x 52.5mm(h) x 126.5mm(d)
<b>Weight</b>	1.6kg
<b>Approvals/ Compliance</b>	CE Class B, RoHS, FCC Class B

# Network Box



## NEXT GENERATION MANAGED SECURITY

On Tuesday, 3rd September 2019, Network Box will release our patch Tuesday set of enhancements and fixes. The regional SOC's will be conducting the rollouts of the new functionality in a phased manner over the next 14 days.

## Network Box 5 Features September 2019

This month, for Network Box 5, these include:

- Improved LCD panel driver support
- Renewed SSL certificate for User Web Portal
- Renewed SSL certificate for Admin Web Portal
- Add support for 'rawheader' term in email anti-spam rules
- Improvements to IMAP4 proxy logging support
- Improvements to IPSEC logging support (for phase 1 rekey)
- Introduce support for base Web Server proxy
- Enhanced support for header response changes (for both web client and server)
- Introduce support for custom block template in WAF
- Introduce support for HTTP redirect from within WAF / Web Server
- Support HSTS headers from within WAF / Web Server
- Improvements to GMS monitoring and reporting in push signature reception service



In most cases, the above changes should not impact running services or require a device restart. However, in some cases (depending on configuration), a device restart may be required. Your local SOC will contact you to arrange this if necessary.

Should you need any further information on any of the above, please contact your local SOC. They will be arranging deployment and liaison.

# Network Box HIGHLIGHTS



## Network Box e-brand Awards 2019

Network Box won the *Best Managed Security Service Provider Award 2019*, at the e-brand awards. Network Box Managing Director, Michael Gazeley collected the award on behalf of the company at the awards ceremony that took place on 14 August 2019, at the Grand Ballroom of the Hyatt Regency. Many of the world's top brands were in attendance, including: Huawei, Lenovo, VAIO, AVITA, Fuji Xerox, HKT, Trend Micro, Fortinet, and many more.



## Network Box Cybersecurity Seminar: The Dark Web - the dark side of the Internet

Network Box's Managing Director, Michael Gazeley, gave a talk today at Network Box HQ lecture room, titled: *The Dark Web: the dark side of the Internet*. The seminar covered what is the Dark Web, why it exists, the various kinds of data and services which one can find there, and how data from the Dark Web has been used to blackmail both organisations and individuals. Network Box's new Dark Web Monitoring 2 service was also outlined, with highlights on the augmented datasets now being reported on, as well as the added ability for individual users to securely request and receive their own compromised passwords.



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### Network Box Media Coverage



**CRN**  
**'Coordinated' Texas Ransomware Attack  
Whacks 23 Local Governments**  
LINK: <https://bit.ly/2UlpPwq>



**funkschau**  
**Phishing Awareness Training:  
The Simulated Danger**  
LINK: <https://bit.ly/2ZEfwby>