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# | SMARTKEEPER SERIES

Open data ports create an often overlooked vulnerability to your company's network. Having physical methods for protecting against these vulnerabilities is a necessary part of every properly prepared security plan.



# | ADVANTAGE OF SMARTKEEPER

Smart Keeper is the only provider in the market to offer a full lineup of physical security solutions for those trying to build an effective defense against cyber intrusion. Smart Keeper is an important protective mechanism that has been deployed in thousands of major installation sites considered critical to infrastructure - such as healthcare facilities, power generation facilities, oil refineries, public water departments, the military, as well as institutions involved in banking and commerce.



## Due Diligence

Delay Mechanism and Visual Warning Message

- 1st basic security solution of the End-Point
- Countermeasures against external viruses (ransomware)
- Internal data leakage prevention



## Usability & Compatibility

Easy to use, expandable with lock keys

- Easy to use and operate
- No maintenance required and semi-permanent use
- Conveniently manage multiple products with a single lock key



## Independence of Application

No impact on the system

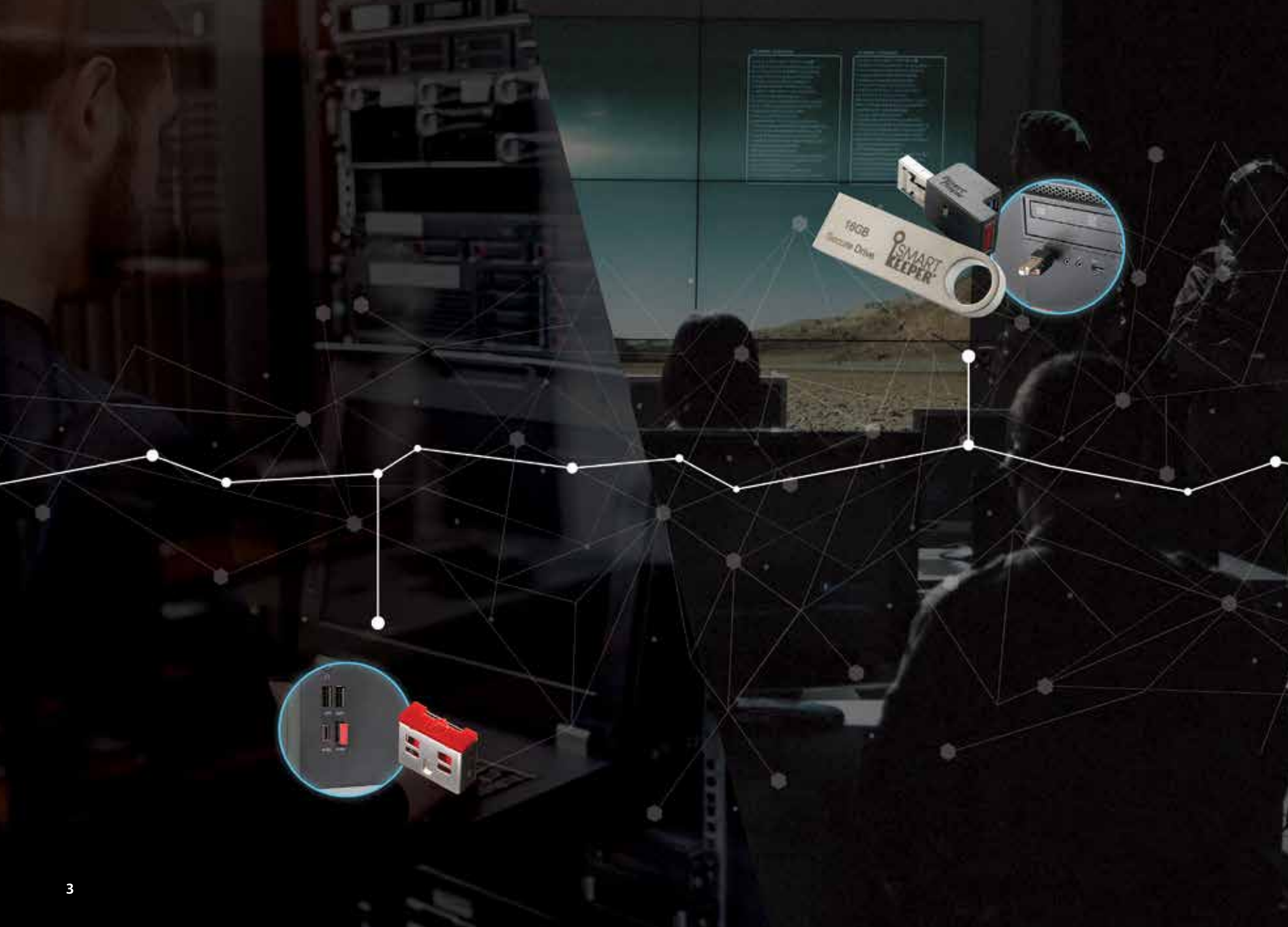
- Applicable without any kind of software or operating system
- Applicable to systems where software security is not possible, such as backbone, nuclear power generation, or production system

## REFERENCES

Our established presence within a variety of industries helps illustrate the effectiveness of our approach.

- Nuclear, Hydroelectric, Thermal, Wind, Solar, and power generation
- Public infrastructure operations managing roads, clean water, rail transport, air travel, etc.
- Branches of the military such as Army, Navy, and Air Force
- Local government organizations such as police departments, fire departments, school systems, etc.
- Federal government institutions involved in research, defense, oversight, etc.
- Trade schools, colleges, and universities
- Banks, insurance companies, retirement planning, and brokerage firms
- Healthcare facilities ranging from small clinics to large regional hospitals
- Pharmaceutical research and production
- Point of sale applications with small local stores as well as large scale retail chains
- Global shipping companies using maritime as well as ground based transport
- Manufacturing operations from all industries
- Telecommunication companies
- Petrochemical companies that extract and refine oil



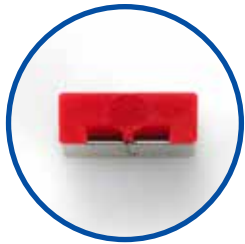




## USB Physical Security



USB Port Lock (CSK-UL10)



## USB Port Lock

CSK-UL10

Width 12.3 × Length 10 × Height 4.6mm | Weight 1.0g



Used to prevent unauthorized access to a type A USB port, this device defends against data breach and virus introduction. Removal can be done with a pattern matched key.



## USB Port Lock Type B

CSK-BLD10

Width 8.4 × Length 8.5 × Height 7.2mm | Weight 0.2g



This device prevents the unauthorized access to an open USB type B port. Removal can be done with a pattern matched key.



## USB Port Lock Type C

CSK-CUL10

Width 17.1 × Length 23.5 × Height 6.8mm | Weight 3.5g



Used to lock down type C USB ports, this device defends against data breach and virus introduction. Removal can be done with a pattern matched key.







## Link Lock

CSK-LK11

Width × Length × Height mm | Weight

Link Lock : 16.2 × 40.9 × 16 | 10g

Cover : 18.6 × 39.7 × 20 | 3.1g



This device tethers USB cables to the USB port to prevent unauthorized removal. Removal can be done with a pattern matched key.



## Link Lock Hub

CSK-LKH10

Width 145 × Length 95 × Height 37.4mm |

Weight 111.0g



This device works with the Link Lock. It secures the connection of multiple USB devices and prevents unauthorized removal.



## Link On

CSK-OM10

Width 17 × Length 36.7 × Height 9mm |

Weight 8.0g



This is a USB memory device that can be physically locked into the USB port. Removal can be done with a pattern matched key.





## USB Closing Lock

CSK-PC01

Width 12.4 × Length 10 × Height 4.6 mm |  
Weight 1.0g



This device permanently blocks unused USB ports to prevent unauthorized access. **It cannot be removed.**



## Secure Drive

CSK-SM01

Width 12.2 × Length 45.6 × Height 4.7 mm |  
Weight 7.0g



Secure Drive is a USB flash memory device that is readable only through a matched Secure Connector. The Secure Drive does not work in a conventional USB port.



## Secure Connector

CSK-SC10

Width 16.2 × Length 40.9 × Height 16 mm |  
Weight 10.0g



The Secure Connector is used to connect a matching Secure Drive to your computer. When attached through the Secure Connector, the Secure Drive functions as a normal USB flash drive.



## Network Physical Security

| LAN Cable Lock Plus (CSK-NC11)



| Network Module Lock (CSK-NM10) - 8Port



## Network Port Lock Plus

CSK-NL11

Width 11.7 × Length 11.5 × Height 9.6 mm |  
Weight 0.7g



The Network Port Lock Plus blocks access to an unused ethernet (RJ45) port. Removal can be done with a pattern matched key.



## LAN Cable Lock Plus

CSK-NC11

Width 13.7 × Length 16 × Height 11.3 mm |  
Weight 4.9g



This device prevents unauthorized removal of a LAN cable by tethering it to an ethernet (RJ45) port. Removal can be done with a pattern matched key.



## Network Module Lock

CSK-NM10

Width × Length × Height mm | Weight  
4 Port : 57.6 × 20 × 20.7 | 13.6g  
8 Port : 59.7 × 30 × 39 | 25g  
12 Port : 87.7 × 30 × 39 | 34g



This device tethers multiple LAN cables to their associated ethernet (RJ45) ports to prevent unauthorized removal. Removal can be done with a pattern matched key.







## Fiber Optic Module Lock

CSK-FO10

Width 13.4 × Length 13.1 × Height 11.7 mm |  
Weight 2.1g



This device blocks open SFP fiber optic ports that are commonly used on network switches. Removal can be done with a pattern matched key.



## QSFP Port Lock

CSK-QFO10

Width 18.5 × Length 40 × Height 8.3 mm |  
Weight 8.3g



This device blocks open QSFP fiber optic ports that are commonly used on network switches. Removal can be done with a pattern matched key.



## LAN Cable Link Lock & Dedicated Cable

CSK-NIP01 / CSK-NIP-CA01

Width × Length × Height mm | Weight

Lan Cable : 22 × 120 × 22 | 24.0g

Cable : 2m



This device is used to create a secure port that can only be used with a matching patterned network cable. It is commonly used with the LAN Cable Lock Plus, creating a truly secure connection.





## Anti-Theft for Computer

- PC Lock (CSK-SL01 / CSK-SLD01)
- Laptop Lock (Combination Key type) (CSK-LLD01)
- Laptop Lock Type C (CSK-CLL10)

## Other Port Physical Security

- Serial Port Lock (CSK-SPL10)
- DVI Port Lock (CSK-DL10)
- Parallel Port Lock (CSK-PL10)



## PC Lock (Key type)

CSK-SL01

Width × Length × Height mm | Weight

Lock : 50 × 56 × 29.4 | 123g

Wire : 3mm × 2m

Key : 10g



The PC Lock is an anti theft product that prevents theft of the PC or the removal of the side panel of the computer. A separate key is needed to unlock.



## PC Lock (Combination Key type)

CSK-SLD01

Width × Length × Height mm | Weight

Lock : 19.3 × 54.3 × 50.1 | 91g

Wire : 3mm × 2m



This version of our PC lock uses a combination lock instead of a key to prevent the theft of a PC or the removal of a side panel.



## Laptop Lock (Combination Key type)

CSK-LLD01

Width × Length × Height mm | Weight

Lock : 16 × 54.5 × 22.7 | 62g

Wire : 3mm × 2m



To prevent theft, the Laptop Lock uses an open USB type A port and a cable to secure your laptop to a table.





## Laptop Lock Type C

CSK-CLL10

Width × Length × Height mm | Weight

Lock : 19.5 × 23.5 × 8.8 | 8.8g

Wire : 3mm × 2m



To prevent theft, the Laptop Lock uses an open USB type C port and a cable to secure your laptop to a table.



## Serial, DVI, Parallel Port Lock

CSK-SPL10 / CSK-DL10 / CSK-PL10

Width × Length × Height mm | Weight

Serial : 34.2 × 12 × 17.6 | 7.0g

DVI : 41.6 × 17.6 × 12.1 | 7.5g

Parallel : 56.2 × 17.7 × 12.1 | 9.3g



This device prohibits access to serial, parallel, or DVI ports. Removal can be done with a pattern matched key.



## ODD Lock

CSK-OL10

Width 87.7 × Length 30 × Height 3.9 mm |

Weight 2.6g



The ODD lock prevents data theft by restricting the use of optical disk drives for CD's and DVD's. Removal can be done with a pattern matched key.







## HDMI Port Lock

CSK-HMD10

Width 13.9 × Length 7 × Height 4.5 mm |

Weight 0.3g



This device blocks open HDMI ports to prevent unauthorized use. Removal can be done with a pattern matched key.



## SD Port Lock

CSK-SDD10

Width 24 × Length 21.5 × Height 2.3 mm |

Weight 1.5g



This device protects against data theft or the introduction of malware by blocking the insertion of an SD Card into an open slot. Removal can be done with a pattern matched key.



## E-SATA Port Lock

CSK-ETD10

Width 15.3 × Length 6.9 × Height 3.9 mm |

Weight 0.3g



This device is a physical port blocker designed specifically for blocking access to an open e-SATA port. Removal can be done with a pattern matched key.





## CF Port Lock

CSK-CFD10

Width 42.5 × Length 21 × Height 4.6 mm |

Weight 3.0g



This device protects against data theft or the introduction of malware by blocking the insertion of an Compact Flash card into an open slot. Removal can be done with a pattern matched key.



## Display Port Lock

CSK-DLD10

Width 16 × Length 86 × Height 4.7 mm |

Weight 0.3g



This device blocks an open Display Port to prevent unauthorized use. Removal can be done with a pattern matched key.





# Universal Lock Key

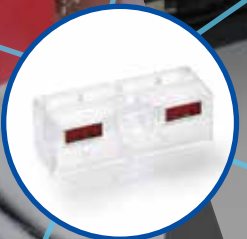
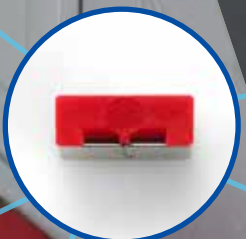
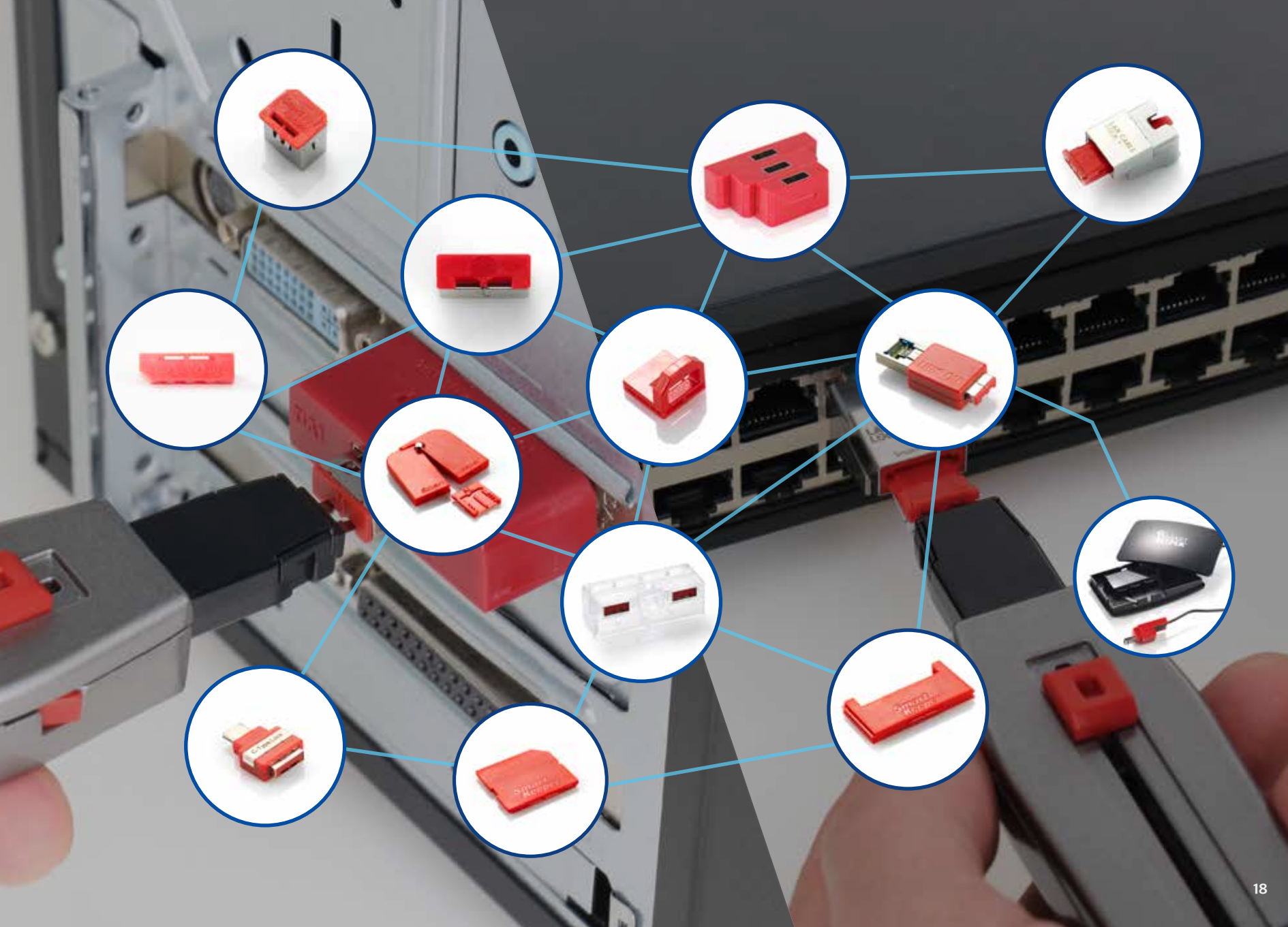
CSK-U11 / CSK-U20

Width 29.2 × Length 155 × Height 16.4mm |

Weight 65g

## Advantages

- I. Low Management Costs  
(Unlock 30 different Smart Keeper products with one lock key)
  
- II. Pattern management
  - Key management by serial number
  - Non-Distribution to public (B2B only)
  - End User Verification Process
  
- III. Various key patterns available





# Network Switch



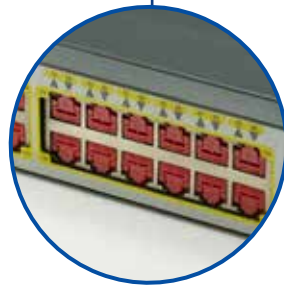
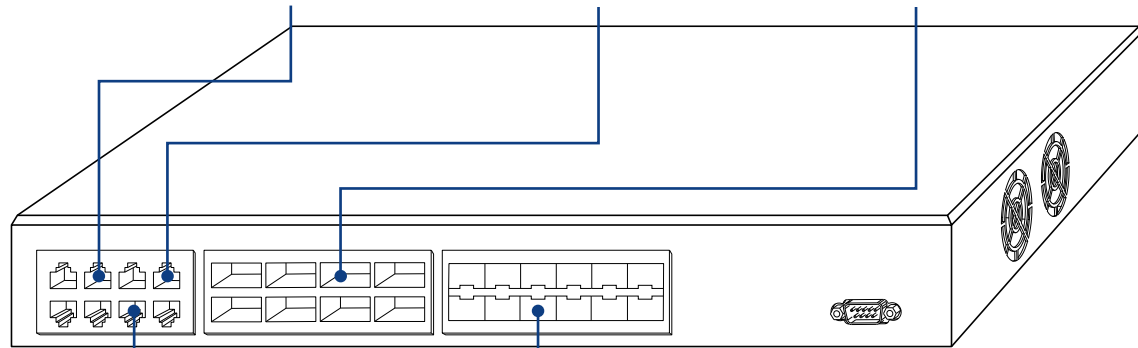
Network Module Lock



LAN Cable Lock Plus



QSFP Port Lock

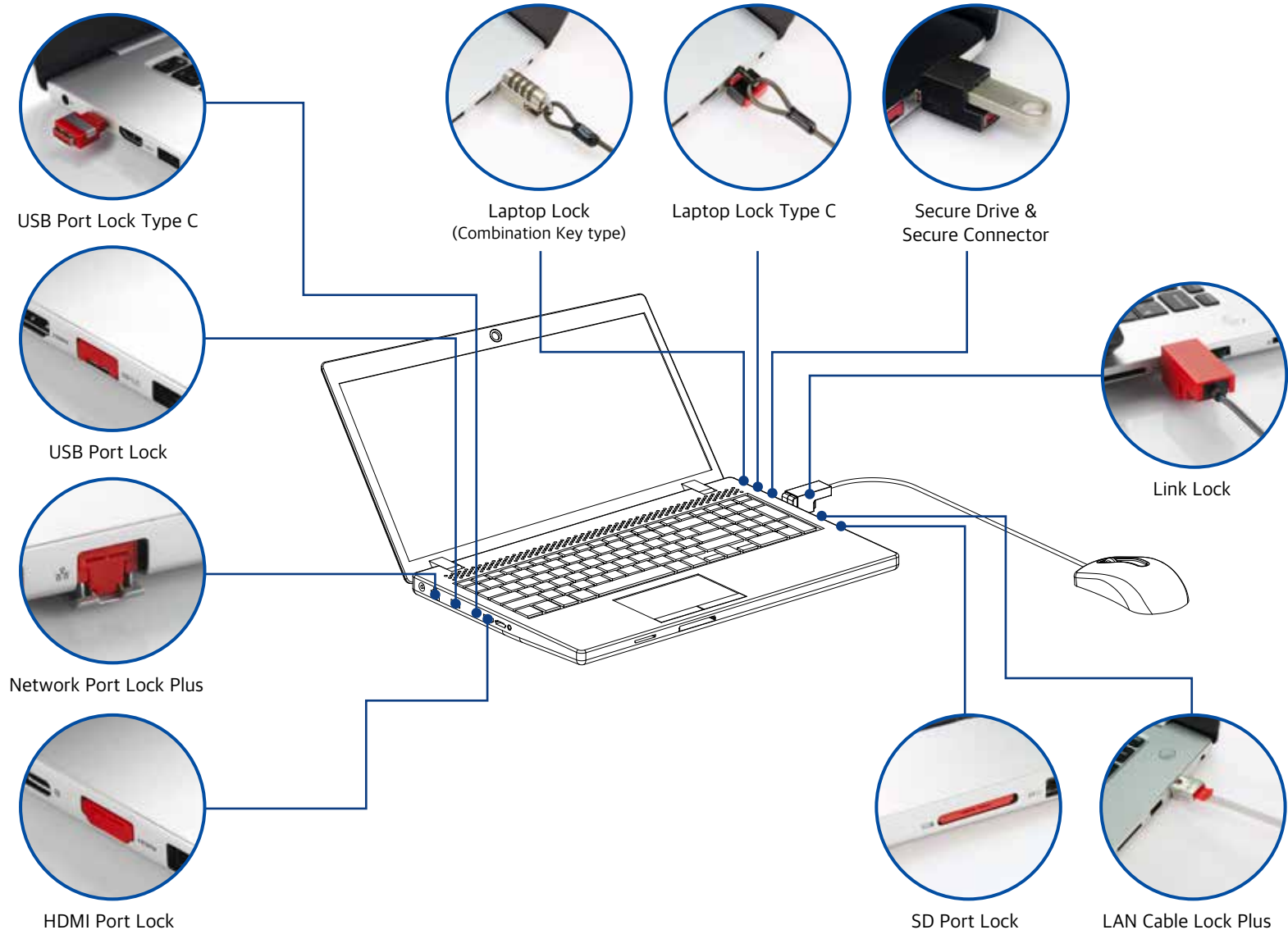


Network Port Lock Plus

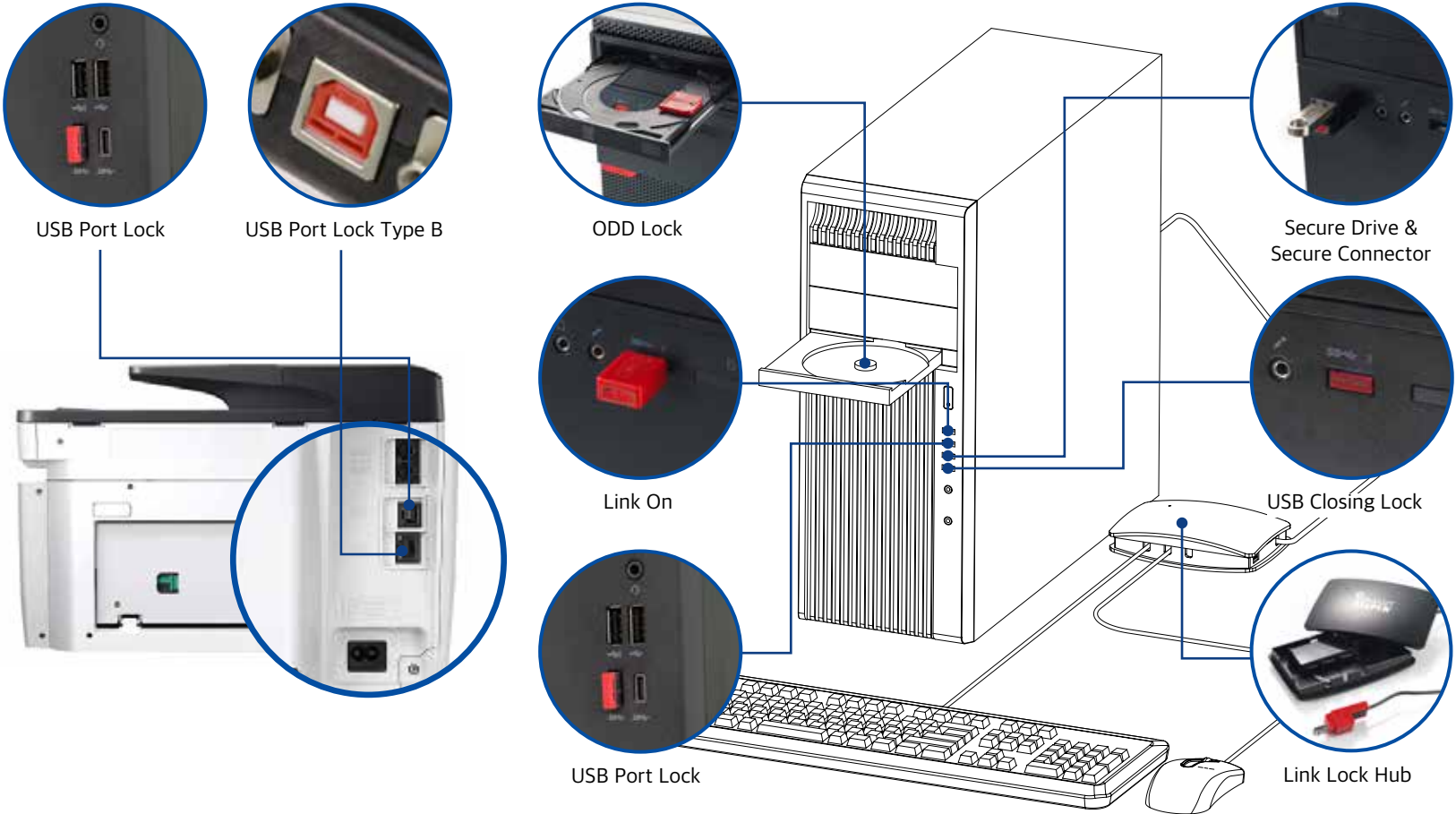


Fiber Optic Module Lock

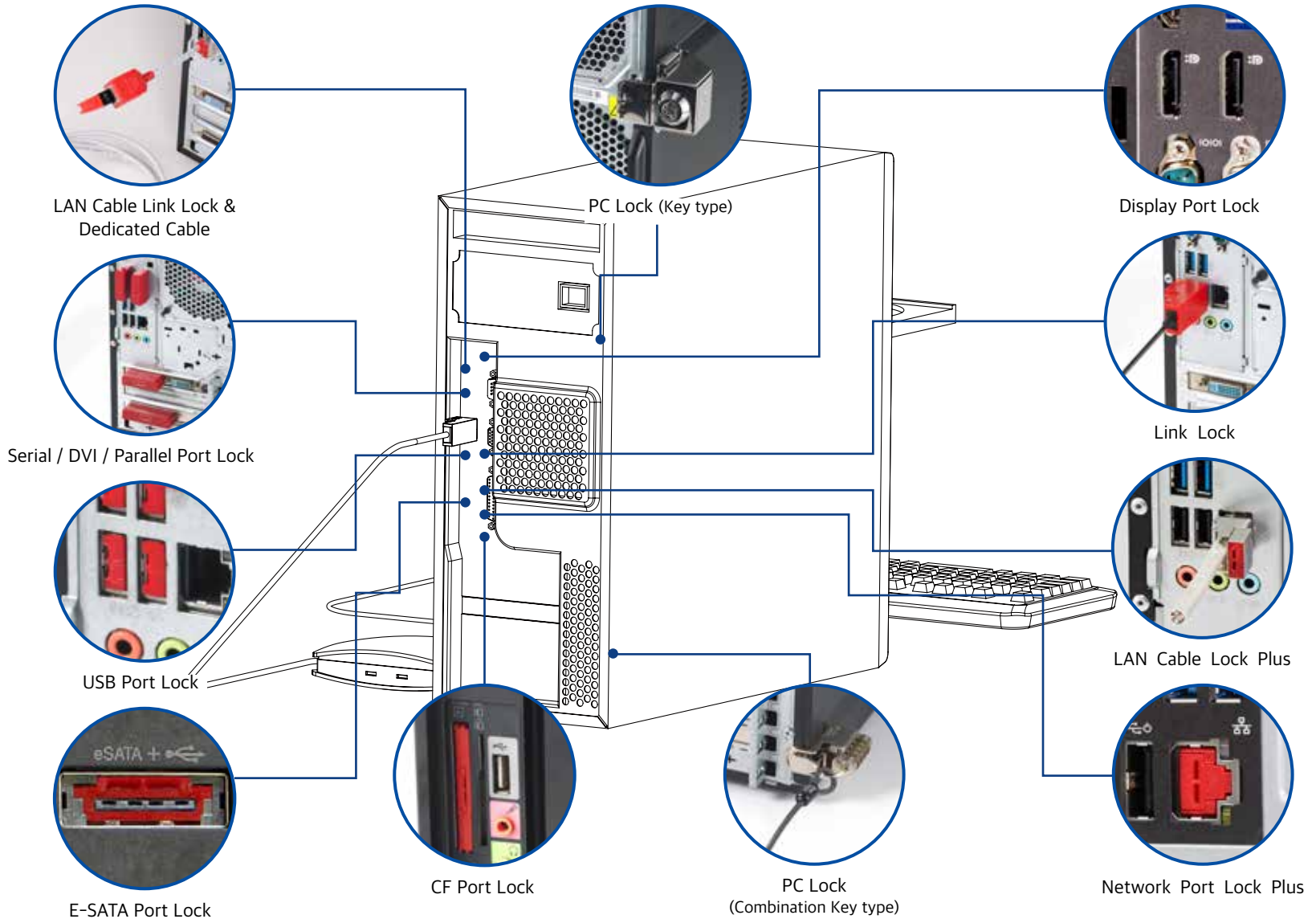
# Laptop (Notebook)



# Printer / Scanner / Desktop (Front)



# Desktop (Rear Panel)









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