

# Rocstor KS20 & KS20T\* Keyboard with Built-in Smart Card Reader

104 - Key - Common Access Card CAC Compatible - PIV Compatible - Smart Card Reader  
FIPS-201 Compliant - CCID Complaint - Supports ISO-7816 Class A, B and C - USB Interface - English (US) - PC - Black

\*TAA Compliant



Rocstor USB keyboard with built-in Card reader is a secure, robust and reliable keyboard with integrated security features and compatibility. The 104-key keyboard is enabled to read Common Access Card and features FIPS-201 Compliancy. It is PIV Compatible. It is also CCID Compliant and supports ISO-7816 Class A, B and C memory and microprocessor smart card (T=0, T=1). It is ideal for providing user authentication for applications such as network login, government, e-commerce, healthcare and banking applications. Government users can confidently use Rocstor KS20 keyboard series which is enabled for securely reading Common Access Cards CAC. Backed by Rocare full limited 3-year parts and labor warranty.

## Features:

- FIPS-201 Compliant. Rocstor KS20 Series chip meets US Federal Information Processing Standard Publication 201
- PIV Compatible
- Secure Common Access Card CAC Compatible. With use with CAC card software. (CAC middleware is not included)
- Supports ISO-7816 Class A, B and C memory and microprocessor smart cards (T=0, T=1)
- EMV 4.0 level 1 Compliance, Conforms with banking, financial and goverment standards
- CCID Complaint
- Suitable for applications in government, healthcare, banking, entertainment, and secure network login
- Robust and reliable 104-Key full-size keyboard
- Num Lock, Caps Lock, Scroll Lock, SCR Reader LED Indicators
- Plug & Play
- Rocstor Rocare 3-Year Warranty

# Rocstor KS20 & KS20T\* Keyboard with Built-in Smart Card Reader

\*TAA Compliant

## Specification (Keyboard)

Key Number:	104 keys (US/ EU/JP)
Key Switch:	Membrane with 20 million life cycle time
Key Force/ Traveling:	50 +/- 7 gm / 4 +/- 0.5 mm
Input Power/ Interface:	5 VDC, 100mA / USB 1.1 version (smart card reader USB)
Connectivity:	USB, 62" USB connected wire
LED Indication:	24 .L0E) Ds, Num Lock, Caps Lock, Scroll Lock, SCR Reader
Tilt Angle w/o feet stand:	7.2o
Operating Temperature:	0 to 50 degrees Celsius (10% to 95% RH, 25 degree Celsius)
Storage Temperature:	-10 to 65 degrees Celsius (5% to 90% RH, 25 degree Celsius)

## Specification (Smart Card Reader)

Standard:	ISO 7816
Compliance:	EMV 4.0 level 1, PIV Compatible
Protocols:	T=0, T=1.2-wire; SLE 4432/42 (S=10), 3-wire; SLE4418/28 (S=9), 12C (S=8)
Reading Speed/ Frequency:	420 Kbps / up to 8MHz
Card Type Support:	5V, 3V and 1.8V smart card ISO 7816 Class A, AB and C
API Support:	PCSC, CTAPI, Synchronous-API, OCF
PCSC Driver Support:	Windows 98/ME/2K/XP (32bit), 2003 Server Win, Win NT, Windows CE5.0/ CE.NET, Windows XP 64bit, Windows Vista (32bit/ 64bit), Windows 7, 8, 10, Linux
Reliability:	100K card insertions
Warranty:	Full limited 3-year parts and labor

## General

Model Number / Part Number:	KS20 / Y10P001-B1 KS20T / Y10P002-B1 (TAA compliant)
Physical Dimension:	442.99 (L) x 149.0 (W) x 39.58 (H)mm / 17.4" (L) x 5.8" (W) x 1.6" (H)
Box Dimension:	467 (L) x 175 (W) x 52 (H) mm / 18.4" (L) x 6.9" (W) x 2" (H)
Weight:	2.43 lbs / 1.1kg



Designed in USA  
TAA Compliant

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