



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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JT-0300WB-2



Models may vary from the image shown

Class 1 Terminal for Contact and Contactless Smart Cards:

CHERRY JT-0300WB-2 is a reliable solution for bidirectional communication with contact and contactless chip cards.

Key Benefits

- Class 1 smart card terminal
- Bidirectional communication for contact and contactless smart cards (dual interface)
- LED status display
- Card guide in housing for one-handed operation and rubber surfaces to prevent slipping
- Attachable card clip to fasten contactless smart cards
- Data exchange via loop contact with approx. 100,000 mating cycles
- Connection via USB 2.0 port
- 5'8" cable length
- Software supports Microsoft Windows, Linux and Mac OS X operating systems
- Supported Standards: PC/SC, CCID, CT-API
- EMV 2000 Level 1 certification
- Connection via USB 2.0 port

Technical Data:

Housing Color:

Black

Weight (product):

Approx. 105 g

Approx. .23Lbs.

Total Weight (with packaging):

136 g / .29 lbs.

Cable Length:

Approx. 1.75m / 64.9"

Current Consumption:

Max. 160 mA

Operating Temperature:

0° C to 50° C / 32° F to 122° F



Interface:

USB

Product Approvals:

C-Tick



CE



FCC



UL



VDE GS



System Requirements:

USB connection

Delivery Volume:

- CHERRY JT-0300WB-2
- Operating instructions in hard copy

Dimensions (product):

Approx. 115 x 75 x 16.5 mm

Approx. 4.52" x 2.95" x .64"

Packaging Dimensions :

Approx. 140 x 50 x 85 mm

Approx. 5.51" x 1.96" x 3.34"

Smart Card Reader:

- Type: Mechanical and contact-free
- Agency Approvals: EMV 2000 Level 1
- Chip-card protocols: T=0, T=1, T=CL
- Contact: mechanical swipe reader in accordance with ISO7816 and contact-free reader in accordance with ISO14443A, ISO14443B, ISO15693
- Software interface: CT-API, PC/SC
- Mating cycles: approx. 100,000 operations
- Compatible chip card types: Reads and writes on all ISO 7816 cards, MIFARE®, DESFire®, iCLASS®
- Transmission speed reader <=> card: max. 420 kBit/s (ISO7816), 424 kBit/s (ISO 14443), 26 kbit/s (ISO15693)
- Transmission speed reader <=> system: max. 12 MBit/s
- Chip card pulse frequency: up to 8 MHz

Technical Data Cont.



Storage Temperature:

-20°C to 65°C / -4° F to 149° F

Packaging Unit:

Number of products in the master package: 80

Number of master packages per pallet: 20

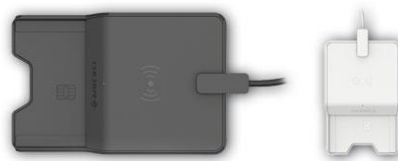
Warranty:

2 years

Model:

Product Name	Order Number
CHERRY TC 1300	JT-0300WB-2

(Light Gray available upon special order)



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The manufacturer accepts no liability for errors or non-availability, and reserves the right to change specifications without prior notice. Technical data relates to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.

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