

北京网迅科技有限公司  
SF200 千兆以太网适配器用户手册

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! " # \$ % & ' ( ) \* + , - . / 0 1 2 \$ 3 4 5 6 7 8 9 : ; - . / 0 ;  
# \$ ' < = - . / 0 > ? ' @ A B C D E F G H I J ' K L ' M N O P @ Q R S T

) \* # \$ G H U V

! " #				
\$%&'	SF200 WX 7Y / Z [ \ S ] ! "			
! ( ) *	V1.00	+, - .	2021.1	
/ O 1	234	561	789	
: ; < =				
( ) *	: ; > ?	@; 1	561	56+, - .
V1.00	! ( )	234	789	2021.1.25
V1.01	: AB SF200 CDEF GHPCB ( ) J 1.03 KLM 1.04 ( ) N	234	789	2021.4.25
V1.02	: ABDEOPQRSTH UDEV* WXOPYZN	234	789	2021.12.21
V1.03	[ \ ] ^ D E V * H SF200T-A _ SF200HT-AN	234	789	2022.12.2

. 1 / SF200 O1 23" " 456789

SF200 WX7Y//^Z[ \\_, - . /O12\$345`abcdWX7Y/eJ

\fg'h\$`aijk\*'lmnopqrstuv/^wxyz' {S|}~\ '

rs m' \$ /^ | CPU ' rs D

CPU S ' | CPU \ t d mT

SF200 WX7Y//^Z[ \ \$ d m ' 100 / ' Z

S, }~\D b 'I? @A PCI Express WX/^t' v m

' I/O G /^{Sd T

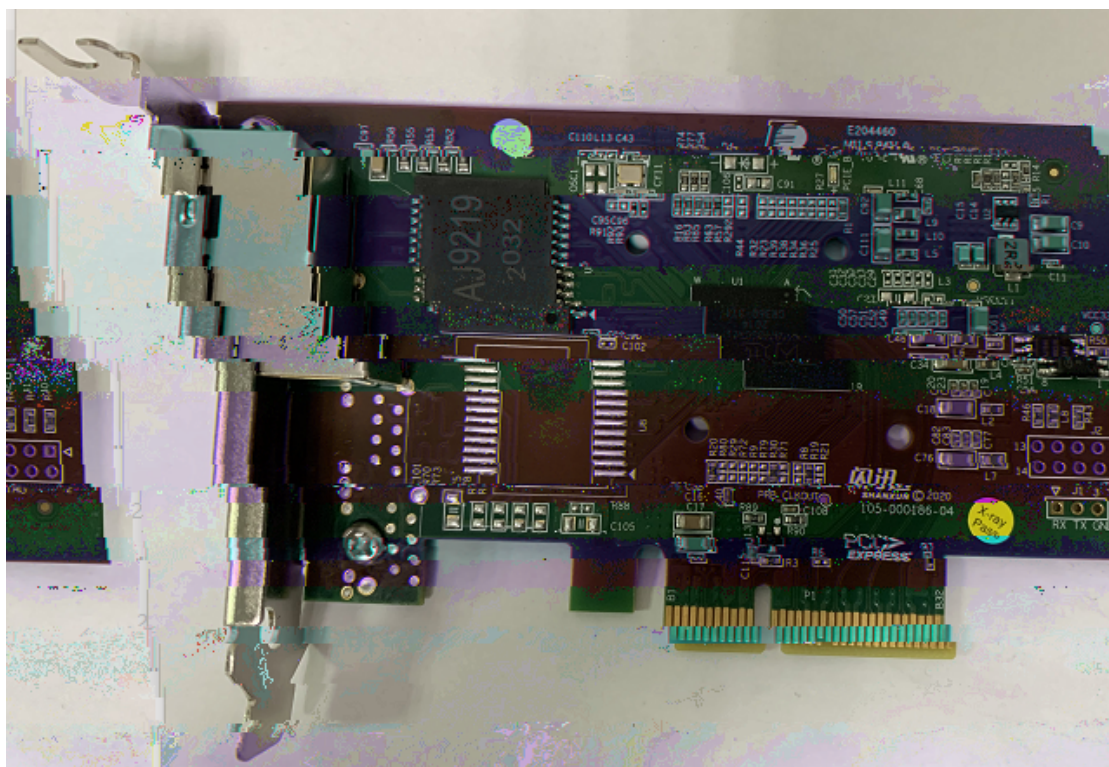
SF200 WX7Y//^Z[ \ 7Y/ MAC+PHY6 eJ\D

\;' |WXC7Y/ tw ? > E 7 d 7Z{

m/^ ' ?7 ?7! " PCI Express # \$ % ' G&

' S( T

SF200 WX7Y//^Z[ \ ) \* +8,



1.1 : ; < = % > ? @

- -	
k. / O	SF200T/SF200HT /SF200T-A/SF200HT-A( S /1 S /ARM 1 S)
2 3	4 2
5 2 6 /	10Base-T Category 3' 4' 5' 5E or6, w7100m
	100Base-Tx Cat5&Cat 5E and Cat6, w7100m
	1000Base-T Cat 5E and Cat6, w7100m
6 /	2E RJ45
k. 9	3W
PCIe (	PCI Expressv2.1(5.0GT/s) x4: ; &x8<x16
=	10Mbps/100Mbps/1000Mbps (4 2)
5% > 5	Core5%1.1V <sub>+3%</sub> > 5' 105%3.3V <sub>+3%</sub> > 5
2? @r	
7Y / 5%	Yes
IEEE802.3` Z {	Yes
S =	10BASE-T, 100BASE-TX, 1000BASE-T
A B	IEEE 802.3 az IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.1Q VLAN IEEE 802.1ad IEEE 802.3ab
C D E F (? G)	SM2/SM3/SM4
PCI-SIG	Yes
HI	Yes
J K L b M N (VMDq)	Yes
PXE	Yes
FCoE	NO
WOL	NO
NCSI	NO
LED O P Q R S	

1.2 : ; A-

1.2.1 : ; BC

SF200 WX7Y // ^ Z [ \ | ] ^ 25°C \_ ` 8 1500 a! 7b cd  
ecH+8 9,

DEFG	<HI	: ; JK
f g	1.3W	2.5W
1500 a! 7b h c d	1.8W	3W

1 SF200WX7Y // ^ Z [ \ 9

1.2.2: ; LM

NO	LMPQR	ST	UV
PCB i j	113.6	mm	+/-0.13mm
PCB j	68.9	mm	+/-0.13mm
k l m n o p (A[ ) p (G[ )	18.42( ; x79.206 ; 18.42( ; x120.026 ;	mm	+/-0.27mm
\ q j l p r s \ q j l p t s \ q j	15.86 2.67	mm	+/-0.13mm

2 SF200WX7Y // ^ Z [ \ m n u

1.2.3: ; WXYZ

SF200 WX7Y // ^ Z [ \ v w \_ ` +8,

[ \	Min	Typ	Max	Units
^ j x y 6 SF200T/SF200T-A;	0		55	°C
^ j x y 6 SF200HT/SF200HT-A;	-40		85	°C
^ j x y 6 SF200HXT;	-40		85	°C
z v { j 6   } ~;	0		90	%
! ^ j	-40		85	°C
! { j 6   } ~;	5		95	%

3 SF200WX7Y // ^ Z [ \ " q

. 2 / ] ^ \_ `

## 2.1 6abS

- Ø SF200WX7Y//^Z[ \
- Ø # \$
- Ø %&p
- Ø o ' 1E' ' 1E

## 2.2 cdef

W%\$7 SF200WX7Y//^Z[ \m(r) \* +, - . / 7801 T

- Ø 23cELT
- Ø 455%52T
- Ø 68aL7 8 g9dPCI-E6X88X16; ( : T
- Ø 68; <=O 5>?@ A: 7I 6+B\$; T
- Ø CD7WX7Y//^Z[ \dEFGH (I J A p: T
- Ø S \$d; =O>?KxJLWX7Y//^Z[ \dJL ' T
- Ø 7 aL7' A 52 5McELT

## 2.3 gX] ^hi

N , @OP/OWX/pQR SSFTT

. 3 / j k l m n N

- Ø k. \* + UQVW5%XT
- Ø YZ k. [ \{ \_ ` t' +, ] ] ^
- Ø VZ\_` abc' +, de8fe8gh8i e ^
- Ø , j k ` l +8m68n&T
- Ø , j ^op' b dqr D5stq?m&uvT

Ø , j k . wx ' b dqr D5stq?m&uvT

Ø VZyz ' qFyz?m&uvk . T

Ø ^j , S81S^j ^{ : { j , 0% | 90% ' | } ~T