

北京网迅科技有限公司  
SF400 千兆以太网适配器用户手册

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! " # \$ % & '

	SF400			
	V1.00			2019.11
V1.00				2019.11.22
V1.01				2020.6.1
V1.02				2020.7.3
V1.03	WOL	NCSI		2021.1.7
V1.04	SF400 1.03	PCB 1.04		2021.6.1
V1.05				2021.6.23
V1.06				2021.12.21

. 1 / SF400 O1 23" " 456789

SF400

!

" # \$ % & ' ( ) & \* + , - . / O 1 2 CPU 3 4 5 6 7 8

CPU 9 : ; CPU < \$ = > ? @ A B C D

SF400 E F G H I J K ! " 100 L M N O P Q

5 R S T U V PCI Express W X Y Z [ D \

] ^ F \_ 9 = > I / O ` a 5 R b c

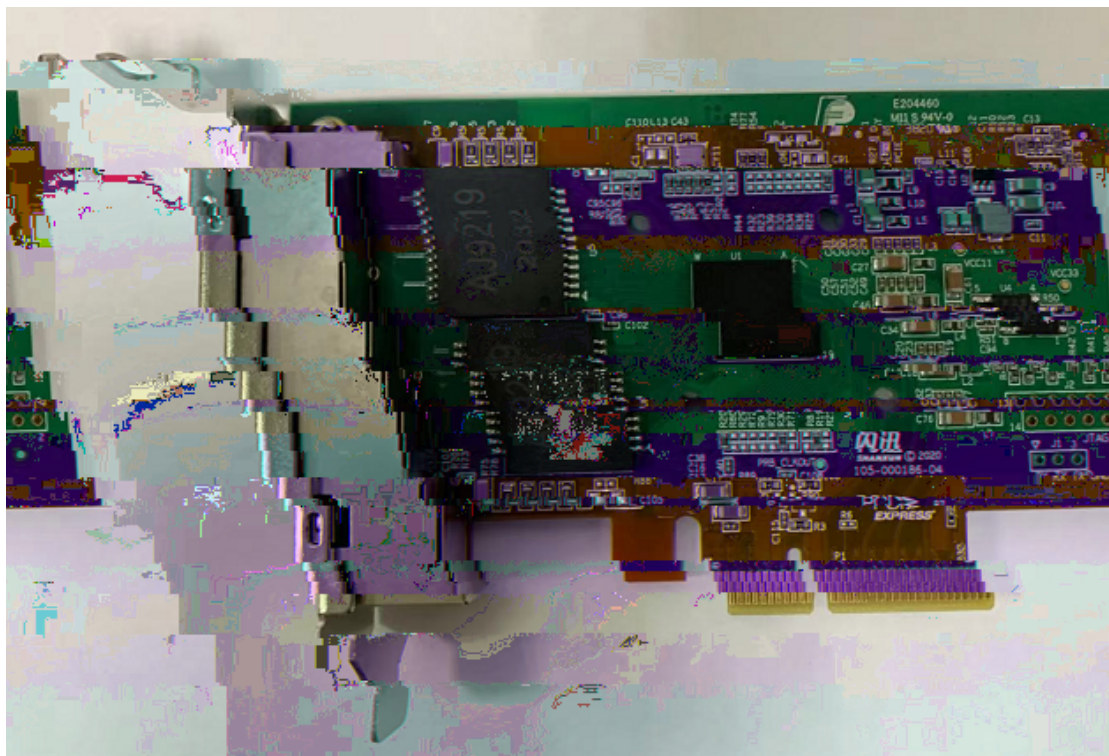
SF400 W X MAC+PHY de Qf g \$ Q h i j

P Q 5 k l k m n R h o p q q r s t q r 5

D + u v + , w x y z { | } ~ ! " PCI Express + # \$ % I k &

' ( O } ~

SF400 ) g \* + ,



1.1 : ; < = % > ? @

- D	
. / O	SF400T/SF400HT/SF400HXT(+ /1 /2 )
O3d4	53
637/	10Base-T Category 3 4 5 5E or6, 8100m
	100Base-Tx Cat59Cat 5E and Cat6, 8100m
	1000Base-T Cat 5E and Cat6, 8100m
Rh7/	4 RJ45Qh
. * :	3W
PCIe ( O! "	PCI Expressv2.1(5.0GT/s) x4; < x8=x16
Rh > : ! "	10Mbps/100Mbps/1000Mbps (53)
6%? 6	Core6%1.1V <sub>+3%</sub> ? 6 106%3.3V <sub>+3%</sub> ? 6
@A	
6%# \$	Yes
IEEE802.3	Yes
! " 9 > :	10BASE-T, 100BASE-TX, 1000BASE-T
! " BC	IEEE 802.3 az IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.1Q VLAN IEEE 802.1ad IEEE 802.3ab
! " DEFG( H)	SM2/SM3/SM4
! " PCI-SIG	Yes
! " I J	Yes
K L M S N O (VMDq)	Yes
PXE ! "	Yes
FCoE ! "	NO
WOL ! "	NO
NCSI ! "	NO
pqrst ! "	opq
LED PQRST	
LED UVP	! " 1000/100M > : ACT UVP 100M WVXYZ 100M WVX[ Z +u ACT WVYZ Z [ & \ ]



. 2 / ] ^ \_ `

## 2.1 6abS

- Ø SF400
- Ø z \$ %
- Ø & ' q
- Ø p5! (1 o5! (1

## 2.2 cdef

- X&% SF400 ) s\* +, - . / O 12\]
- Ø 34 FM
  - Ø 566%63
  - Ø 7 M8Z9Yh: PCI-E X89X16 ( O{ | ;
  - Ø +, 7 <=> U6?@AAB; 8m +C
  - Ø DE FGHI ZV JK. Bfq;
  - Ø 9 @ <> ?@L KM KM! (
  - Ø 8 M8 B 63Z6N FM

## 2.3 gX] ^hi

! " Or => - APQ qRS9 TGU

## . 3 / j kl mnN

Ø . +, kV WX6&Y

Ø Z[ V . \f] | ` a +, ^^\_

Ø W[ ` agbcd +, ef9gf9hi 9j f\_

Ø -kl m, 9n79o'

Ø -k5\_pq S rs 6tur &vw

Ø -kV . xy S rs 6tur &vw

Ø W[ z{ rGz{ &vw .

Ø qr\_k, ! " + 91 \_k\_| ; qr | k, 0% } 90% } ~