

北京网迅科技有限公司
SF200 千兆以太网适配器用户手册

! " # \$ % & ' () * + , - . / 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

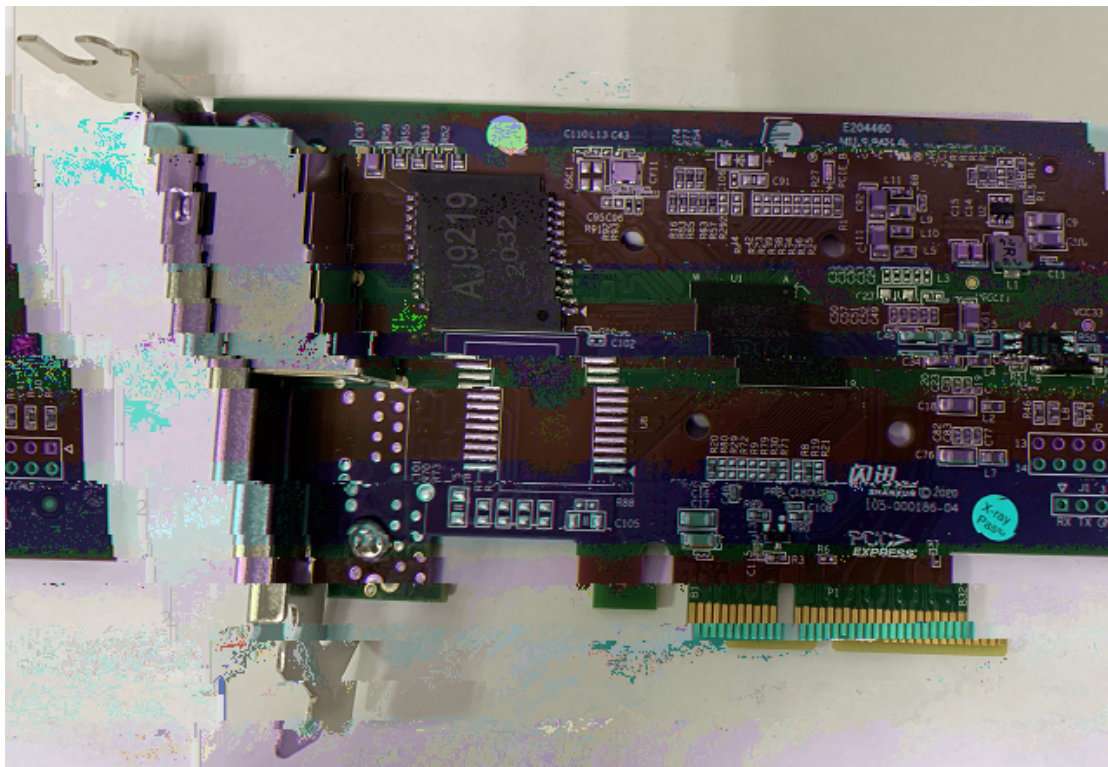
) * # \$ G H U V

! " # \$ % & '

| ! " # | | | | |
|----------|--|--------|--------|-------------|
| \$ % & ' | 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 | : ABDEOPQRSTHUV* WXOPYZN | 234 | 789 | 2021.12.21 |
| V1.03 | [\] ^ D E V * H SF200T-A _ SF200HT-AN | 234 | 789 | 2022.12.2 |
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| | | | | |
| | | | | |

1 SF200

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 ' l ? @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 | SF200T/SF200HT /SF200T-A/SF200HT-A(S/ S/ARM S) |
| | |
| | 10Base-T Category 3' 4' 5' 5E or6 w 100m |
| | 100Base-Tx Cat5 Cat 5E and Cat6 w 100m |
| | 1000Base-T Cat 5E and Cat6 w 100m |
| | 2E RJ45 |
| k | 3W |
| PCIe | PCI Expressv2.1(5.0GT/s) x4 &x8 x16 |
| | 10Mbps/100Mbps/1000Mbps () |
| | Core 1.1V _{+3%} ' 10 3.3V _{+3%} |
| 2 r | |
| 7Y/ | Yes |
| IEEE802.3`Z{ | Yes |
| S | 10BASE-T, 100BASE-TX, 1000BASE-T |
| | IEEE 802.3 az IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.1Q VLAN IEEE 802.1ad IEEE 802.3ab |
| (?) | SM2/SM3/SM4 |
| PCI-SIG | Yes |
| | Yes |
| b (VMDq) | Yes |
| PXE | Yes |
| FCoE | NO |
| WOL | NO |
| NCSI | NO |
| | |
| LED | |

1.2

1.2.1

SF200 WX 7Y // ^ Z [\ | 25°C 8 1500
H 8

| | | |
|------|------|------|
| | 1.3W | 2.5W |
| 1500 | 1.8W | 3W |

1 SF200WX 7Y // ^ Z [\

1.2.2

| | | | |
|-------------------------------------|---|----|-----------|
| PCB | 113.6 | mm | +/-0.13mm |
| PCB | 68.9 | mm | +/-0.13mm |
| ([) ([) | 18.42(; x79.206 ; 18.42(; x120.026 ; | mm | +/-0.27mm |
| \ \ \ \ \ \ \ | 15.86 2.67 | mm | +/-0.13mm |

2 SF200WX 7Y // ^ Z [\

1.2.3

SF200 WX 7Y // ^ Z [\ 8

| | Min | Typ | Max | Units |
|---------------------|-----|-----|-----|-------|
| 6SF200T/SF200T-A; | 0 | | 55 | °C |
| 6SF200HT/SF200HT-A; | -40 | | 85 | °C |
| 6SF200HXT; | -40 | | 85 | °C |
| v 6 ; | 0 | | 90 | % |
| ! | -40 | | 85 | °C |
| ! 6 ; | 5 | | 95 | % |

3 SF200WX 7Y // ^ Z [\ "

2

2.1

Ø SF200WX7Y//^Z[\

Ø # \$

Ø %&

Ø ' 1E' ' 1E

2.2

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

Ø 23c T

Ø 45 T

Ø 68a 7 8 9dPCI-E6X8 X16; : T

Ø 68; <=O 5>?@ A: 7 6 B\$; T

Ø CD7WX7Y//^Z[\dEFGH (IJ A : T

Ø S \$d; =O>?KxJLWX7Y//^Z[\dJL ' T

Ø 7 a 7' A 5Mc T

2.3

N , OP/OWX/ QR SS TT

3

Ø k *+ UQVW %XT

Ø YZ k [\ t'] ^

Ø VZ_` abc' de fe gh ie^

Ø , j k`l + m6 n&T

Ø , j op' b dqrD st ?m uvT

Ø , j k wx' b dqrD st ?m uvT

Ø VZyz' qFyz?m uvk T

Ø S S ^{ 0% | 90%' T