

FF5025-DDATACXX 系列
双光口 25G 以太网适配器
用户手册

北京网迅科技有限公司

文件更改历史记录

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	FF5025-DDATACXX	25G		
更改日期	更改人	更改内容	更改原因	审核人



1.1.3

- IPv4 TCP RSC
- FCOE
- 256 KB
- IP/TCP/UDP/STCP
- UDP
- CRC
- VLAN
- MAC/VLAN
-

1.1.4

- PCIe Gen4x8
- MSI/MSI-X
- A/B/C/D PCIe Completion Timeout Range
-
- TCP
- PCIe TPH/FLR/ID0/ARI/VPD/ECRC
- 256B (MPS)/1KB (MRRS)
- PCIe
- D0 D3 ACPI 28E616312CB4}T#TQ EMC /P 696B 0 1 166.7 500.7 Tm0 G[-]T#TQSI

1.1.6

- LAN 8 GPIO
- LAN 1 I2C
- SPI
- UART
-
- MCTP over SMBus
- MCTP over PCIe VDM
- 1PPS+TOD

1.2

1.2.1

	FF5025-DDATACXX
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1.2.2

25°C 25G

1500

FF5025-DDATACXX Typical Active Power-PCIe Gen4 and PCIe Gen3

25° C	Link Speed		
	2x10G, PCIe Gen3x8	2x25G, PCIe Gen3x8	2x25G, PCIe Gen4x8
(V)	12	12	12
(A)	0.558	0.600	0.730
W	6.7	7.2	8.8

1

Note: Typical conditions: Tj=55°C, normal voltages, and continuous network traffic at Ethernet link speed.

FF5025-DDATACXX Typical Idle Power-PCIe Gen4 and PCIe Gen3

25° C	Link Speed		
	2x10G, PCIe Gen3x8	2x25G, PCIe Gen3x8	2x25G, PCIe Gen4x8
(V)	12	12	12

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(A)	0.424	0.448	0.610
W	5.1	5.4	7.3

Note: Typical conditions: T_j=55°C, normal voltages, and no traffic.

2 Idle

1.2.3

1.2.6 PCB

2.54um 0.8um
2.54um 0.5um

1.2.7

Manufacturer	Part Number	Module Type
FIBERTOP	SFP28-25GSR-HYT	25G
WTD	RTXM330-551	25G
Hi sense	LTF8505-BC+	25G
Intel Corp	LTF8505-BC-IN	25G
FIBERTOP	SFP28-25GSRD-HYT	25G
HUAWEI	LTF8501-BC+	10G
SONT	XP-8G10-01	10G
AVAGO	AFBR-709SMZ	10G
WTD	RTXM228-551	10G
Fi ni sar	FTLX8571D3BCL	10G

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2

2.1

- FF5025-DDATACXX 25G
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- 1

2.2

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PCIe X8 X16



2.4 驱动程序安装

25G

3

3.1

MTBF()	1000000	

4

4.1 光模块插入后 Link 指示灯不亮



PCIe



Link



4.2 光纤线连接后 ACT 指示灯不闪烁

➤ TX RX

➤

➤

➤

5

➤

➤

➤

➤

➤

➤

➤

➤

0° C — 55° C

0% — 90%