

DH S10500 Switch Products

Series Board Datasheet

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Contents

Board Specifications	3
Board Type List	3
S105-16QFSF	3
S105-16QFSF Specifications	3
S105-32GF16XFSD	3
S105-32GF16XFSD Specifications	3
S105-48XFSD	4
S105-48XFSD Specifications	4
S105-48GT4XFSD	4
S105-48GT4XFSD Specifications	4
S10508-MPU	4
S10508-MPU Specifications	4
S10508-NET	5
S10508-NET Specifications	5
S10506-MPU	5
S10506-MPU Specifications	5
S10506-NET	6
S10506-NET Specifications	6
S105-PWR1600	6
S105-PWR1600 Specifications	6

Board Specifications

Board Type List

Board Name	Description
S105-16QFSF	16-Port QSFP+ Module
S105-32GF16XFSD	32-Port SFP and 16-Port SFP+ Module
S105-48XFSD	48-Port SFP+ Module
S105-48GT4XFSD	48-Port RJ45 Module and 4-Port SFP+ Module
S10508-MPU	Main processing unit for S10508
S10508-NET	NET Module S10508
S10506-MPU	Main processing unit for S10506
S10506-NET	NET Module S10506
S105-PWR1600	Power supply for S10500

S105-16QFSF

S105-16QFSF Specifications

Item	Specifications
Card size (H × W × D)	51 mm×423 mm×270 mm (2.01"×16.65"×10.63") (L×W×H)
Power consumption	71W to 172W
Ports	16 × 40GBASE-X-QSFP+ fiber ports
Port speed	40GBASE-X-QSFP+ fiber ports: 40 Gbps

S105-32GF16XFSD

S105-32GF16XFSD Specifications

Item	Specifications
Card size (H × W × D)	51 mm×423 mm×270 mm (2.01"×16.65"×10.63") (L×W×H)
Power consumption	39 W to 80 W
Ports	32 × 1000BASE-X-SFP fiber ports 16 x 10GBASE-R-SFP+ fiber ports
Port speed	1000BASE-X-SFP fiber port: 1000 Mbps 10GBASE-R-SFP+ fiber port: 10 Gbps

S105-48XFSD

S105-48XFSD Specifications

Item	Specifications
Card size (H × W × D)	51 mm×423 mm×270 mm (2.01"×16.65"×10.63") (L×W×H)
Power consumption	40 W to 93 W
Ports	48 x 10GBASE-R-SFP+ fiber ports
Port speed	10GBASE-R-SFP+ fiber port: 10 Gbps

S105-48GT4XFSD

S105-48GT4XFSD Specifications

Item	Specifications
Card size (H × W × D)	51 mm×423 mm×270 mm (2.01"×16.65"×10.63") (L×W×H)
Power consumption	28 W to 55 W
Ports	48 x 10/100/1000BASE-T copper ports 4 x 10GBASE-R-SFP+ fiber ports
Port speed	10/100/1000BASE-T copper ports: 10/100/1000 Mbps 10GBASE-R-SFP+ fiber port: 10 Gbps

S10508-MPU

S10508-MPU Specifications

Item	Specification
Flash	2 GB
BootROM	32 MB
NVRAM	1 MB
SDRAM	8 GB
Dimensions (H × W × D)	45 mm×208 mm×269 mm (1.77"×8.19"×10.59") (L×W×H)
Power consumption	22 W to 33 W
Interfaces	1 console port 2 network management ports: 1 RJ-45 ports and 1 SFP fiber ports 1 primary USB port
Transmission rate	Console port: 9600 bps to 115200 bps (default: 9600 bps)

Item	Specification
	network management ports (RJ-45): 10/100/1000 Mbps, half/full duplex network management ports (SFP): 1000 Mbps
Transmission medium and max transmission distance	Console port: 15 m (49.21 ft) over asynchronous EIA/TIA-232 cables network management ports (RJ-45): 100 m (328.08 ft) over Category 5 or higher twisted pair cables network management ports (SFP): GE SFP fiber module specification
Compatible device models	DH-S10508

S10508-NET

S10508-NET Specifications

Item	Specifications
Card size (H × W × D)	46 mm×467 mm×273 mm (1.81"×18.39"×10.75") (L×W×H)
Power consumption	61 W to 112 W
Applicable hardware platforms	DH-S10508

S10506-MPU

S10506-MPU Specifications

Item	Specification
Flash	8 GB
BootROM	32 MB
NVRAM	1 MB
SDRAM	8 GB
Dimensions (H × W × D)	45 mm×208 mm×269 mm (1.77"×8.19"×10.59") (L×W×H)
Power consumption	22 W to 30 W
Interfaces	1 console port 2 network management ports: 1 RJ-45 ports and 1 SFP fiber ports 1 primary USB port
Transmission rate	Console port: 9600 bps to 115200 bps (default: 9600 bps) network management ports (RJ-45): 10/100/1000 Mbps, half/full duplex network management ports (SFP): 1000 Mbps
Transmission medium and max	Console port: 15 m (49.21 ft) over asynchronous EIA/TIA-232 cables network management ports (RJ-45): 100 m (328.08 ft) over Category 5 or

Item	Specification
transmission distance	higher twisted pair cables network management ports (SFP): GE SFP fiber module specification
Compatible device models	DH-S10506

S10506-NET

S10506-NET Specifications

Item	Specifications
Card size (H × W × D)	46 mm×368 mm×198 mm (1.81"×14.49"×7.8") (L×W×H)
Power consumption	55 W to 95 W
Applicable hardware platforms	DH-S10506

S105-PWR1600

S105-PWR1600 Specifications

Item	Specifications
Card size (H × W × D)	73.5 mm×40.2 mm×253.8 mm (2.89"×1.58"×9.99") (L×W×H)
Maximum output power	1600 W
input voltage	100~240V AC; 50/60 Hz