

High Speed I/O 40Gbps to 100Gbps

YAGEO Group's new range of QSFP28 (Quad small form-factor pluggable 28) high speed I/O connector and cages are compatible with 100Gbps connectivity for Optical Ethernet by aggregating 4 data lanes of 25Gbps. They also support transceivers operating at 40Gbps, and multiple slower speeds depending on the silicon used

The QSFP28 range is available in a selection of port configurations from single (1x1) and (1xN); with options for applications that require heat sinks (PCIe, SAN and NET) to stacked (2xN) styles. Both offer light pipes, which require external SMD LEDs to be fitted under the connectors, for indicating signal link, prior to press-fit insertion.

Key Features:

- ✓ QUAD Small Form-Factor Pluggable
- ✓ Press-Fit Technology
- ✓ Single Port 1x1 supports Belly to Belly PCB mounting
- ✓ 1xN Ganged Ports 1x2, 1x3 and 1x4
- ✓ 1xN Heat Sink options for PCIe, SAN, NET applications
- ✓ 2xN Stacked Multi-port 1x1, 2x2 and 2x6 fitted with connector and light pipe options



2026



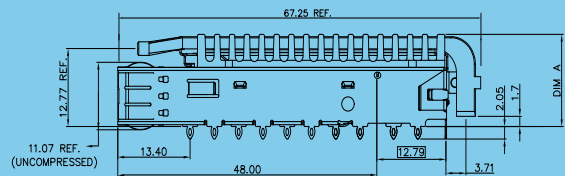
Telecommunications



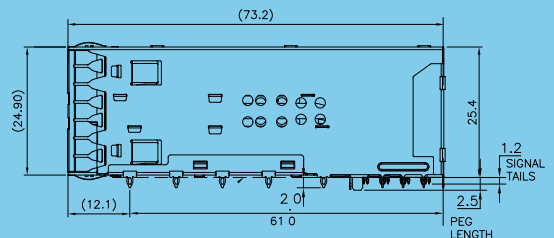
Computing & Enterprise Systems



Industrial Systems



1xN Port Cage - Heat sink and Light Pipes



2xN Port Cage - with /without internal Light Pipes

Applications:

High Performance Computing
Data Centers and Servers
Enterprise Routers and Switches
Telecommunication links
Hyperscaling

Product Overview

High Speed QSFP Product for 40Gbps to 100Gbps

Part Number	Description	PCB STYLE
QSFP28-C100S-3L	30μ” Gold 38pin Connector	SMD



High Speed 1xN Cages for 100Gbps



Part Number *	Description	PCB Mount	PCI	SAN	NET	Light Pipe
QSF28-11xzP-OL	QSFP28 1x1, Light Pipe, Heat Sink*	Press-Fit	Yes	Yes	Yes	Yes
QSF28-12xzP-OL	QSFP28 1x2, Light Pipe, Heat Sink*	Press-Fit	Yes	Yes	Yes	Yes
QSF28-13xzP-OL	QSFP28 1x3, Light Pipe, Heat Sink*	Press-Fit	Yes	Yes	Yes	Yes
QSF28-14xzP-OL	QSFP28 1x4, Light Pipe, Heat Sink*	Press-Fit	Yes	Yes	Yes	Yes

Note: Where x and z refer to the ordering code for Light Pipe (x) and Heat Sink (z) options per tables below.

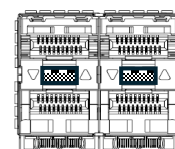
x = Light Pipe Options*	
0	No Light Pipes
1	1 Light Pipe (Left) per Port
2	2 light Pipes (Middle) per Port
3	1 Light Pipe (Right) per Port
4	4 Light Pipes per Port

z = Heat Sink*		
Type	Heat sink Height	Height (DIM A)
P = PCI	4.2mm	13.7mm
S = SAN	6.5mm	16.0mm
N = NET	13.5mm	23.0mm

High Speed 2xN Connector and Cage modules for 100Gbps



Upper Ports
2xLight Pipes
Lower Ports



Part Number	Description	PCB Mount	Heat Sink	Light Pipe	Gold Finish
QSF28-2120P-3L	QSFP28 2x1 Cage, Connector, Light Pipe	Press-Fit	None	2	30μ”
QSF28-2220P-3L	QSFP28 2x2 Cage, Connector, Light Pipe	Press-Fit	None	2	30μ”
QSF28-2620P-3L	QSFP28 2x6 Cage, Connector, Light Pipe	Press-Fit	None	2	30μ”

For More Information:

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