

Overview

727055-B21 is the HPE Ethernet 10Gb 2-port 562SFP+ Adapter. The HPE Ethernet 10Gb 2-port 562SFP+ Adapter features the latest Intel controller. It is a low-cost, low-power dual port PCIe v3.0 x8 adapter designed for HPE ProLiant servers. The HPE 562SFP+ addresses the demanding needs of the next-generation data center by providing unmatched features for virtualization and scalability that complement the HPE server platform. The HPE 562SFP+ comes with both low profile and standard brackets and has two SFP+ cages that enable connections with DACs as well as SR fiber optic modules. The HPE 562SFP+ adapter supports SR-IOV and high performance networking features such as VLAN tagging, low latency interrupts, TCP and UDP checksum offloading, MSI-X, NIC teaming (bonding), Receive Side Scaling (RSS), jumbo frames, and PXE boot.

Quick Spec

Figure 1 shows the appearance of 727055-B21.



Table 1 shows the quick spec.

Model	727055-B21
Description	HPE Ethernet 10Gb 2-port 562SFP+ Adapter
Network Processor	Intel® X710 Controller
Data Rate	Two ports, each at 20 Gb/s bi-directional; 40 Gb/s aggregate bi-directional theoretical bandwidth.
Onboard Memory	256 MB
Bus type	PCI Express 3.0 at 8 GT/s x8
Form Factor	Standard and low profile adapter compliant with the PCIe standard
IEEE Compliance	802.3, 802.1ab, 802.3x, 802.3ad, 802.3p, 802.1q, 802.3ae, 802.1au, 802.3ap, 802.1as, 802.3ak,802.1qaz, 802.1Qbb

Compatibility - Supported Servers	HPE DL160 Gen9 Server HPE ProLiant DL360 Gen9 Server HPE ProLiant DL360 Gen10 Server HPE ProLiant DL380 Gen9 Server HPE ProLiant DL380 Gen10 Server HPE ProLiant DL385 Gen10 Server HPE ProLiant DL560 Gen9 Server HPE ProLiant DL580 Gen9 Server HPE ProLiant ML110 Gen9 Server HPE ProLiant ML150 Gen9 Server HPE ProLiant ML350 Gen9 Server HPE Apollo 2000 XL170r Gen9 Server HPE Apollo 2000 XL190r Gen9 Server HPE Apollo 4200 Gen9 Server HPE Apollo 4500 - XL450 Gen9 Server HPE Apollo 6000 - XL230a Gen9 Server HPE Apollo 6000 - XL250a Gen9 Server HPE Apollo 6000 - XL260a Gen9 Server HPE Apollo 6000 - XL270d Gen9 Server HPE Apollo 6500 - XL270d Gen10 Server NOTE: This is a list of supported servers. Some may be discontinued.
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Supported Platforms

Figure 2 shows the front panel of 727055-B21.



Table 2 shows the recommended servers.

Model	Description
826682-B21	HPE ProLiant DL380 Gen9 E5-2620v4 2.1GHz 8-core 1P 16GB-R P440ar 8SFF 500W PS Base Server
867448-S01	HPE ProLiant DL380 Gen9 E5-2620v4 1P 16GB-R P440ar 8SFF 500W PS Server/S-Buy
848774-B21	HPE ProLiant DL380 Gen9 E5-2630v4 2.2GHz 10-core 1P 16GB-R P440ar 8SFF 500W PS Base Server
850519-S01	HPE ProLiant DL380 Gen9 E5-2650v4 1P 32GB-R P440ar 8SFF 2x500W PS Server/SB
826684-B21	HPE ProLiant DL380 Gen9 E5-2650v4 2.2GHz 12-core 2P 32GB-R P440ar 8SFF 2x10Gb 2x800W Perf Server
867449-S01	HPE ProLiant DL380 Gen9 E5-2620v4 1P 16GB-R P840ar 12LFF 2x800W PS Server/S-Buy
826683-B21	HPE ProLiant DL380 Gen9 E5-2620v4 2.1GHz 8-core 1P 16GB-R P840ar 12LFF 2x800W PS Base Server
850517-S01	HPE ProLiant DL380 Gen9 E5-2609v4 1P 8GB-R H240ar 8SFF 500W PS Server/SB
875668-425	HPE ProLiant DL380 Gen10 4110 1P 16GB-R P408i-a 8SFF 500W DVD PS Server/TV
875760-S01	HPE ProLiant DL380 Gen10 4110 1P 16GB-R P408i-a 8SFF 1x500W PS Server/S-Buy
P06420-B21	HPE Proliant DL380 Gen10 4110 1P 16GB-R P408i-a 8SFF 500W PS Performance Server
P05524-B21	HPE ProLiant DL380 GEN10 4110 1P 16GB-R P408i-a 8SFF 500W RPS SOLUTION SERVER
P06421-B21	HPE ProLiant DL380 Gen10 4114 1P 32GB-R P408i-a 8SFF 800W PS Performance Server

826565-B21	HPE ProLiant DL380 Gen10 4114 1P 32GB-R P408i-a 8SFF 500W PS Base Server
875761-S01	HPE ProLiant DL380 Gen10 5115 1P 16GB-R P408i-a 8SFF 1x500W PS Server/S-Buy
875759-S01	HPE ProLiant DL380 Gen10 4112 1P 16GB-R P408i-a 8LFF 1x500W PS Server/S-Buy
867961-B21	HPE ProLiant DL360 Gen10 3106 85W 1P 16G-2R S100i 8SFF 1x500W Entry Server
875838-425	HPE ProLiant DL360 Gen10 4110 85W 1P 16G-2R P408i-a 8SFF 1x500W Server/TV
874457-S01	HPE ProLiant DL360 Gen10 4110 85W 1P 16G-2R P408i-a 8SFF 1x500W Server/S-Buy
P06453-B21	HPE ProLiant DL360 Gen10 4110 85W 1P 16G-R P408i-a 8SFF 1x500W PS Performance Server
P05520-B21	HPE ProLiant DL360 Gen10 4110 85W 1P 16GB-R P408i-a 8SFF 500W RPS Solution Server
867962-B21	HPE ProLiant DL360 Gen10 4114 85W 1P 16G-2R P408i-a 8SFF 1x500W Base Server
867447-S01	HPE ProLiant DL360 Gen9 E5-2620v4 1P 16GB-R P440ar 8SFF 500W PS Server/S-Buy
818208-B21	HPE ProLiant DL360 Gen9 E5-2630v4 1P 16GB-R P440ar 8SFF 500W PS Base SAS Server

Related Options

Table 3 shows the recommended accessories.

Model	Description
487652-B21	HPE BLc 10G SFP+ SFP+ 1m DAC Cable
487655-B21	HPE BLc 10G SFP+ SFP+ 3m DAC Cable
JD095C	HP X240 10G SFP+ SFP+ 0.65m DAC Cable
JD096C	HP X240 10G SFP+ SFP+ 1.2m DAC Cable
JD097C	HP X240 10G SFP+ SFP+ 3m DAC Cable
JG081C	HP X240 10G SFP+ SFP+ 5m DAC Cable
JC784C	HP X240 10G SFP+ 7m DAC Cable
J9281B	HP X242 10G SFP+ SFP+ 1m DAC Cable
J9283B	HP X242 10G SFP+ SFP+ 3m DAC Cable
J9285D	Aruba 10G SFP+ to SFP+ 7m DAC Cable
455883-B21	HPE BladeSystem c-Class 10Gb SFP+ SR Transceiver
455886-B21	HPE BLc 10G SFP+ LR Transceiver

Get More Information

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Specification

727055-B21 Specification	
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Compatibility - Supported Servers	HPE DL160 Gen9 Server HPE ProLiant DL360 Gen9 Server HPE ProLiant DL360 Gen10 Server HPE ProLiant DL380 Gen9 Server HPE ProLiant DL380 Gen10 Server HPE ProLiant DL385 Gen10 Server HPE ProLiant DL560 Gen9 Server HPE ProLiant DL580 Gen9 Server HPE ProLiant ML110 Gen9 Server HPE ProLiant ML150 Gen9 Server HPE ProLiant ML350 Gen9 Server HPE Apollo 2000 XL170r Gen9 Server HPE Apollo 2000 XL190r Gen9 Server HPE Apollo 4200 Gen9 Server HPE Apollo 4500 - XL450 Gen9 Server HPE Apollo 6000 - XL230a Gen9 Server HPE Apollo 6000 - XL250a Gen9 Server HPE Apollo 6000 - XL260a Gen9 Server HPE Apollo 6000 - XL270d Gen9 Server HPE Apollo 6500 - XL270d Gen10 Server NOTE: This is a list of supported servers. Some may be discontinued.
Power	10W typical, 10.8W maximum
Temperature - Operating	0° to 55°C (32° to 131°F)
Humidity - Operating	5% to 95% non-condensing
Emissions Classification	Class B
Agency Approvals	USA: FCC Part 15 Class B Canada: ICES-003, Issue 5 Japan: VCCI 2011-04 Class B International: EN55022:2010 + Class B, EN55024:2010; EN61000-3-2:2006, EN61000-3-3:2008 Taiwan: BSMI, CNS13438 (2006) Class B Australia/New Zealand (AS/NZS): AS/NZS CISPR 22: 2009+A1:2010 Class Korea: KN22 Class B, KN24
RoHS Compliance	5 of 6
Safety	UL Mark (USA and Canada) CE Mark EN 605901 2nd edition

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