

解鎖40Gb/s 帶俾你極速體驗

Unlock 40Gb/s Incredible Speed

Starting 由

HK\$ 88,000 起

outbreak your network speed to

傳輸速度飆升至

40Gb/s*

Applicable to 適用於

TVP FUNDING
科技券資助

為1Gb/s NAS煩緊? 緩慢嘅傳輸、復制、移動文件速度?

Still struggling with 1Gb/s Network NAS?

Painfully slow file transferring \ copying \ moving?

好大原因係 你並無將NAS發揮最大效用

Does your NAS reach the Max Performance?

Company 公司 A

1Gb/s
network
網速

6GB
file transfer
傳輸文件

60
mins
分鐘

Company 公司 B

40Gb/s
network
網速

6GB
file transfer
傳輸文件

3
seconds
秒

公司B因為有40Gb/s網速，而大大提升工作效率

With 40Gb/s network, company B able to speed up their workflow!

C2 40G NAS 配套，讓你提高工作效率! Improve working efficiency with C2 40G NAS Package!

| | ENTRY | STANDARD | PREMIUM |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>HK\$ 88,000</p> <p>超值限時優惠配套 Limited Time Offer!</p> <p>2U SFF Server 2.4TB SFF 12Gbps HDD x 8 - in Z1 16.8T usable</p> <p>USED Enterprise Grade HDDs 企業級硬碟</p> | <p>HK\$ 130,000</p> <p>Most Popular!</p> <p>2U LFF Server 10TB 12G SAS x 6 = 50T usable</p> <p>NEW Enterprise Grade HDDs 企業級硬碟</p> | <p>HK\$ 150,000</p> <p>Recommended!</p> <p>2U SFF Server 1.92TB SSD x 8 - in Z1 14T usable</p> <p>NEW Enterprise Grade HDDs 企業級硬碟</p> |
| Server 服务器 | | | |
| Network Switch 網絡交換器 | 40Gbps | 40Gbps | 40Gbps |
| Network Card 網卡 | 10Gbps | 10Gbps | 10Gbps |
| Deployment 部署配置 | ✓ | ✓ | ✓ |
| On-site maintenance 到府支援服務 | 3 months Complimentary 12 token hours | 3 months Complimentary 18 token hours | 3 months Complimentary 18 token hours |
| FREE 免費 Hassle-free Migration of Existing Data 無憂數據遷移服務 | ✓ | ✓ | ✓ |
| Wireless network & Server rack 無線網絡 & 機架 | Optional add-on | Optional add-on | Optional add-on |
| Spare slots for expansion 可擴展備用硬碟插槽 | 16 | 6 (Max 198TB) | 16 |

另提供以舊換新、全新系統或先租後買，可洽談
Trade-in, new system & lease to own options available

提供網速demo演示版！歡迎你預約嚟C2辦公室進行評估～
Ready set demonstration available right at our office,
you are welcome to evaluate!

Recommended 推薦

Video production studio
影視製作工作室

Design house
設計公司

AR \ VR \ BIM \ 3D
Production house 制作公司

Education entities
教育機構

Law enforcement with
huge amount of digital evidence
需處理大量電子證據的
律師樓或法律部門

*Actual performance may vary depending on the environment \ 實際性能可能因環境而異。

*NAS Server is already tuned \ optimized for maximizing transfer speed \ NAS 服務器已經調整\優化以最大化傳輸速度。

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Applicable to
TVP FUNDING

ENTRY
HK\$ **88,000**

STANDARD
HK\$ **130,000**

PREMIUM
HK\$ **150,000**

SERVER

| | | | |
|-----------------------------|-------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------|
| Server | HPE 2U SFF Xeon V4 System | HPE 2U SFF Xeon V4 System | HPE 2U SFF Xeon V4 System |
| CPU | Dual CPU Xeon v4 | Dual CPU Xeon v4 | Dual CPU Xeon v4 |
| Ram | 8G x 8 = 64G | 8G x 8 = 64G | 8G x 8 = 64G |
| Enterprise Grade HDD | 2.4TB SFF 12Gbps SAS HDD x 8 in RAID Z1 16.8TB Usable USED | 10TB LFF 12Gbps SAS HDD x 6 in RAID Z1 50TB Usable NEW | 1.92TB 12Gbps SAS SSD x 8 in RAID Z1 14TB Usable NEW |
| HBA Adapter | ✓ | ✓ | ✓ |
| NIC | 40Gbps Dual Port | 40Gbps Dual Port | 40Gbps Dual Port |
| NVMe Cache Drive | 2T Enterprise Class NVMe SSD Cache Drive | 2T Enterprise Class NVMe SSD Cache Drive | — |

NETWORK

| | | | |
|------------------------------------|---------------------|---------------------|---------------------|
| Switch | Mellanox 40G Switch | Mellanox 40G Switch | Mellanox 40G Switch |
| Cable | 40Gbps | 40Gbps | 40Gbps |
| NIC (Desktop \ Workstation) | 10Gbps x 10 units | 10Gbps x 10 units | 10Gbps x 10 units |

SETUP & WARRANTY

| | | | |
|-----------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| NAS Basic Setup | ✓ | ✓ | ✓ |
| Deployment | ✓ | ✓ | ✓ |
| On-site Maintenance | 3 months Complimentary 12 token hours | 3 months Complimentary 18 token hours | 3 months Complimentary 18 token hours |
| Migration of Existing Data | FREE for Limited Time! | FREE for Limited Time! | FREE for Limited Time! |

OPTIONAL

ADD-ONS & EXPANSION

| | | | |
|-------------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Access Point | CISCO 5Gbps Uplink Access Point | CISCO 5Gbps Uplink Access Point | CISCO 5Gbps Uplink Access Point |
| WiFi USB or PCIe Card | Intel AX 2.5Gbps Max | Intel AX 2.5Gbps Max | Intel AX 2.5Gbps Max |
| NIC (Desktop \ Workstation) | Mellanox 40Gbps NIC | Mellanox 40Gbps NIC | Mellanox 40Gbps NIC |
| Enterprise Grade HDD Upgrade | + 2.4TB x 8 USED | + 10TB x 6 NEW | 3.84TB x 8 NEW |
| Spare Slots for Expansion | 16 | 6 (Max 198TB) | 16 |
| Server Rack | 9U \ 12U \ 42U | 9U \ 12U \ 42U | 9U \ 12U \ 42U |

OPTIONAL

PERFORMANCE UPGRADE

| | | | |
|--------------------------|-----------------------|-----------------------|---|
| Cache \ Log Drive | NVMe 4TB \ 8TB \ 19TB | NVMe 4TB \ 8TB \ 19TB | — |
| + 64G Ram | ✓ | ✓ | ✓ |

TRADE-IN, NEW SYSTEM & LEASE TO OWN OPTIONS AVAILABLE

*Actual performance may vary depending on the environment

*NAS Server is already tuned \ optimized for maximizing transfer speed

C2 40G NAS System Requirements

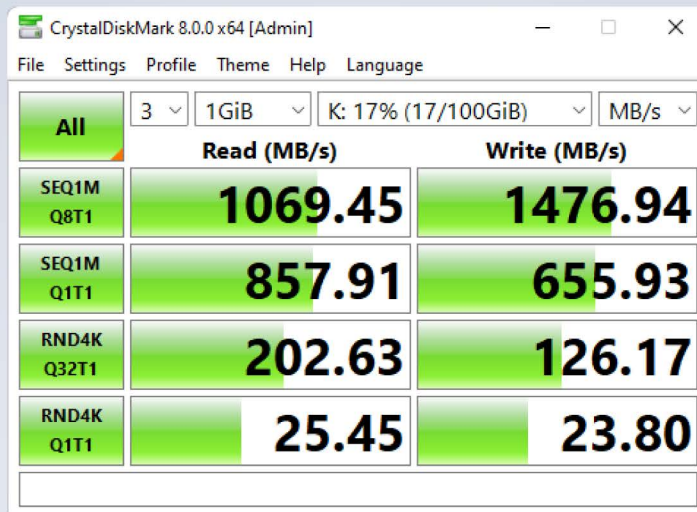
Your system must meet the minimum specifications below to run C2 40G NAS.

MINIMUM SPECS

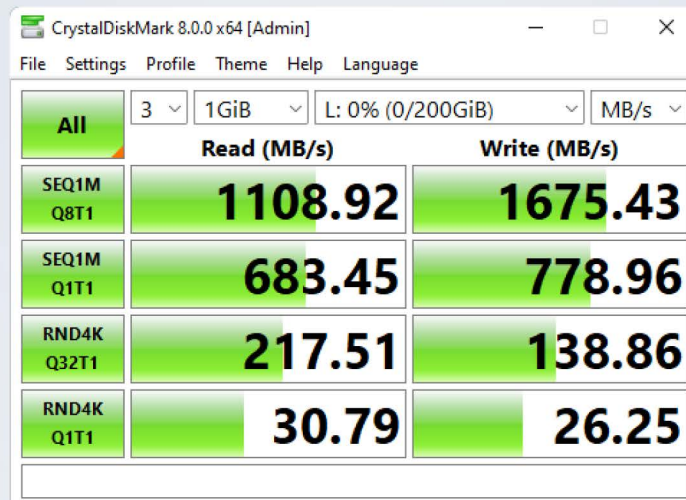
| | |
|------------|------------------------------------|
| CPU | Intel 8th Gen or AMD Ryzen 2nd Gen |
| Ram | 8G |
| HDD | M.2 PCIe NVMe SSD |

Performance : Tests & Results

SAS x 8 RAID Z1



NVME x 1 Cache Drive



peak LAN Network throughput at 40Gbps
 peak WiFi AX Network throughput at 25Gbps
 peak Windows File Transfer throughput at 15-20Gbps
 peak iSCSI transfer throughput at 20Gbps
 *Performance may various in different environment

Performance : Tests & Results

Iperf3 Throughput Testing

```

Administrator: Command Prompt
[ 10] 7.00-8.01 sec 1.11 GBytes 9.43 Gbits/sec
[SUM] 7.00-8.01 sec 4.45 GBytes 37.9 Gbits/sec

[ 4] 8.01-9.00 sec 1.04 GBytes 9.04 Gbits/sec
[ 6] 8.01-9.00 sec 1.04 GBytes 9.04 Gbits/sec
[ 8] 8.01-9.00 sec 1.04 GBytes 9.04 Gbits/sec
[ 10] 8.01-9.00 sec 1.04 GBytes 9.04 Gbits/sec
[SUM] 8.01-9.00 sec 4.18 GBytes 36.2 Gbits/sec

[ 4] 9.00-10.01 sec 1.04 GBytes 8.84 Gbits/sec
[ 6] 9.00-10.01 sec 1.04 GBytes 8.84 Gbits/sec
[ 8] 9.00-10.01 sec 1.04 GBytes 8.84 Gbits/sec
[ 10] 9.00-10.01 sec 1.04 GBytes 8.84 Gbits/sec
[SUM] 9.00-10.01 sec 4.14 GBytes 35.4 Gbits/sec

ID] Interval Transfer Bandwidth
[ 4] 0.00-10.01 sec 10.8 GBytes 9.25 Gbits/sec sender
[ 4] 0.00-10.01 sec 10.8 GBytes 9.25 Gbits/sec receiver
[ 6] 0.00-10.01 sec 10.9 GBytes 9.33 Gbits/sec sender
[ 6] 0.00-10.01 sec 10.9 GBytes 9.33 Gbits/sec receiver
[ 8] 0.00-10.01 sec 10.8 GBytes 9.31 Gbits/sec sender
[ 8] 0.00-10.01 sec 10.8 GBytes 9.31 Gbits/sec receiver
[ 10] 0.00-10.01 sec 10.8 GBytes 9.31 Gbits/sec sender
[ 10] 0.00-10.01 sec 10.8 GBytes 9.31 Gbits/sec receiver
[SUM] 0.00-10.01 sec 43.3 GBytes 37.2 Gbits/sec sender
[SUM] 0.00-10.01 sec 43.3 GBytes 37.2 Gbits/sec receiver

iperf Done.
E:\>iperf3 -c 10.1.1.1 -p 6063 -P 4 -w 4M -l 1M
  
```

Win11 Pro Concurrent Transfer

The screenshot displays a Windows File Explorer window with three concurrent file transfers in progress:

- Moving 1 item from G (G:) to edit (\\TRUENAS) (Z): 8% complete, Speed: 175 MB/s
- Moving 1 item from E (E:) to edit (\\TRUENAS) (Z): 68% complete, Speed: 689 MB/s
- Moving 1 item from D (D:) to edit (\\TRUENAS) (Z): 72% complete, Speed: 647 MB/s

The Windows Performance Monitor (Task Manager) shows the following system metrics:

- CPU: 52%, 2.49 GHz
- Memory: 34.9/46.6 GB (75%)
- Disk 0 (G:): HDD 95%
- Disk 1 (H:): HDD 0%
- Disk 2 (C: D:): SSD 99%
- Disk 3 (E: F:): SSD 36%
- Disk 4 (I:): Removable 0%
- Disk 5 (J:): HDD 0%
- Disk 6 (K:): SSD 0%
- Ethernet Ethernet 7: 13.4 Gbps
- Ethernet Ethernet 8: 0 R: 0 Kbps
- Ethernet Ethernet: 0 R: 0 Kbps
- Ethernet Npcap Loopback...: 0 R: 0 Kbps
- Ethernet VMware Network...: 0 R: 0 Kbps

The Ethernet adapter (HP InfiniBand FDR/Ethernet 10Gb/40Gb 2-port 544+FLR-QSFP Ethernet Adapter) shows a throughput graph with a peak of 13.4 Gbps (Send) and 19.1 Mbps (Receive) over a 60-second period.