



## Product catalogue

Part numbers, key specifications and stock policy for every line we carry. Availability changes daily; confirm with the sales desk before committing to a delivery date.



## Server Processors

Processors are where a bill of materials most often goes wrong. Stepping, socket revision and whether a chip is tray or boxed all change what arrives, and none of it is obvious from a model name alone. We quote against the full order code.

Previous-generation parts stay on our shelves deliberately. A great deal of installed capacity in Asia still runs on platforms two generations old, and those estates need matched processors to expand rather than replace.

### **PK8071305072902 - Intel Xeon Gold 6430 32-Core 2.10 GHz**

A 32-core Sapphire Rapids part that has become the default mid-range choice for virtualisation hosts. Good core count without the power envelope of the Platinum tier.

|                 |                           |
|-----------------|---------------------------|
| Cores / threads | <b>32 / 64</b>            |
| Base clock      | <b>2.10 GHz</b>           |
| Max turbo       | <b>3.40 GHz</b>           |
| Cache           | <b>60 MB L3</b>           |
| TDP             | <b>270 W</b>              |
| Condition       | <b>New, tray</b>          |
| Availability    | <b>Ex-stock Hong Kong</b> |

### **PK8071305554500 - Intel Xeon Platinum 8480+ 56-Core**

The top of the Sapphire Rapids stack, ordered almost exclusively for AI head nodes and dense consolidation projects. Allocation driven rather than shelf stock.

|                 |                                 |
|-----------------|---------------------------------|
| Cores / threads | <b>56 / 112</b>                 |
| Base clock      | <b>2.00 GHz</b>                 |
| Max turbo       | <b>3.80 GHz</b>                 |
| Cache           | <b>105 MB L3</b>                |
| TDP             | <b>350 W</b>                    |
| Condition       | <b>New, tray</b>                |
| Availability    | <b>Allocated — 2 to 3 weeks</b> |

### **100-000000798 - AMD EPYC 9354 32-Core 3.25 GHz**

High clocks with 32 Genoa cores, which suits per-core licensed workloads where paying for more cores costs more in software than in silicon.

|                 |                           |
|-----------------|---------------------------|
| Cores / threads | <b>32 / 64</b>            |
| Base clock      | <b>3.25 GHz</b>           |
| Max boost       | <b>3.80 GHz</b>           |
| Cache           | <b>256 MB L3</b>          |
| TDP             | <b>280 W</b>              |
| Condition       | <b>New, tray</b>          |
| Availability    | <b>Ex-stock Hong Kong</b> |



**PK8071305120002 - Intel Xeon Silver 4410Y 12-Core**

The entry Sapphire Rapids part. Most of these go into edge nodes, backup servers and the second socket of a lightly loaded platform.

|                 |                           |
|-----------------|---------------------------|
| Cores / threads | <b>12 / 24</b>            |
| Base clock      | <b>2.00 GHz</b>           |
| Max turbo       | <b>3.90 GHz</b>           |
| Cache           | <b>30 MB L3</b>           |
| TDP             | <b>150 W</b>              |
| Condition       | <b>New, tray</b>          |
| Availability    | <b>Ex-stock Hong Kong</b> |



## GPU & Accelerators

Accelerators move faster than any other line we carry, both in price and in availability. We hold the volume parts and quote allocation honestly on the rest, because a lead time nobody can meet helps nobody.

Passive cards need a chassis with a qualified airflow profile. Tell us the platform and we will confirm the pairing before you commit.

### 900-21010-0000-000 - NVIDIA H100 80GB PCIe Accelerator

The PCIe form of the Hopper accelerator, for training and large-model inference where an SXM chassis is impractical. Passively cooled and demanding on airflow.

|              |                                 |
|--------------|---------------------------------|
| GPU memory   | <b>80 GB HBM2e</b>              |
| Bandwidth    | <b>2 TB/s</b>                   |
| Interface    | <b>PCIe Gen5 x16</b>            |
| Form factor  | <b>FHFL dual-slot, passive</b>  |
| Board power  | <b>350 W</b>                    |
| Condition    | <b>New, sealed</b>              |
| Availability | <b>Allocated — 2 to 4 weeks</b> |

### 900-2G133-0080-000 - NVIDIA L40S 48GB Accelerator

The card most of our AI and visualisation customers settle on. Inference, fine-tuning and graphics on one board keeps a mixed cluster simpler to buy and simpler to justify.

|              |                                |
|--------------|--------------------------------|
| GPU memory   | <b>48 GB GDDR6 ECC</b>         |
| Bandwidth    | <b>864 GB/s</b>                |
| Interface    | <b>PCIe Gen4 x16</b>           |
| Form factor  | <b>FHFL dual-slot, passive</b> |
| Board power  | <b>350 W</b>                   |
| Condition    | <b>New, sealed</b>             |
| Availability | <b>Ex-stock Hong Kong</b>      |

### 900-21001-0000-000 - NVIDIA A100 40GB PCIe Accelerator

Still the most economical way to add training capacity to an existing Gen4 rack. MIG lets one card serve seven isolated workloads, which suits shared research clusters.

|              |                                |
|--------------|--------------------------------|
| GPU memory   | <b>40 GB HBM2</b>              |
| Bandwidth    | <b>1.55 TB/s</b>               |
| Interface    | <b>PCIe Gen4 x16</b>           |
| Form factor  | <b>FHFL dual-slot, passive</b> |
| Board power  | <b>250 W</b>                   |
| Condition    | <b>New, sealed</b>             |
| Availability | <b>Ex-stock Hong Kong</b>      |



**900-5G192-2550-000 - NVIDIA RTX 4000 Ada 20GB**

A single-slot professional card with ECC memory and four display outputs. The usual answer when a compact workstation needs certified graphics.

|              |                                 |
|--------------|---------------------------------|
| GPU memory   | <b>20 GB GDDR6 ECC</b>          |
| Bandwidth    | <b>360 GB/s</b>                 |
| Interface    | <b>PCIe Gen4 x16</b>            |
| Form factor  | <b>FHFL single-slot, active</b> |
| Board power  | <b>130 W</b>                    |
| Condition    | <b>New, sealed</b>              |
| Availability | <b>Ex-stock Hong Kong</b>       |



## Server Memory

A module that is electrically perfect can still be refused by a vendor BIOS because its rank organisation is not on the platform's supported list. Give us the server model and the DIMMs per channel you plan to run and we will quote something that posts at rated speed.

Memory prices move weekly. We requote without argument rather than holding you to a stale number.

### **M321R4GA3BB6-CQK - Samsung 32GB DDR5-4800 RDIMM**

The volume DDR5 module for current Xeon and EPYC platforms, and the part most often needed to finish a half-populated server.

|              |                             |
|--------------|-----------------------------|
| Capacity     | <b>32 GB</b>                |
| Type         | <b>DDR5 RDIMM</b>           |
| Speed        | <b>4800 MT/s, PC5-38400</b> |
| Organisation | <b>2Rx8</b>                 |
| Voltage      | <b>1.1 V</b>                |
| Condition    | <b>New, factory tray</b>    |
| Availability | <b>Ex-stock Hong Kong</b>   |

### **M393A8G40AB2-CWE - Samsung 64GB DDR4-3200 RDIMM**

DDR4 is not legacy while a decade of installed platforms still needs expanding. We keep the common capacities on the shelf rather than quoting them as special order.

|              |                             |
|--------------|-----------------------------|
| Capacity     | <b>64 GB</b>                |
| Type         | <b>DDR4 RDIMM</b>           |
| Speed        | <b>3200 MT/s, PC4-25600</b> |
| Organisation | <b>2Rx4</b>                 |
| Voltage      | <b>1.2 V</b>                |
| Condition    | <b>New, factory tray</b>    |
| Availability | <b>Ex-stock Hong Kong</b>   |

### **MTC40F2046S1RC48BA1 - Micron 64GB DDR5-4800 RDIMM**

A second approved source at the same capacity point, useful when a tender requires two manufacturers on the bill of materials.

|              |                             |
|--------------|-----------------------------|
| Capacity     | <b>64 GB</b>                |
| Type         | <b>DDR5 RDIMM</b>           |
| Speed        | <b>4800 MT/s, PC5-38400</b> |
| Organisation | <b>2Rx4</b>                 |
| Voltage      | <b>1.1 V</b>                |
| Condition    | <b>New, factory tray</b>    |
| Availability | <b>Ex-stock Hong Kong</b>   |



## **HMABAGL7C4R4N-XN - SK hynix 128GB DDR4-3200 LRDIMM**

Load-reduced modules for the very large memory footprints used by in-memory databases and dense virtualisation hosts.

|              |                                     |
|--------------|-------------------------------------|
| Capacity     | <b>128 GB</b>                       |
| Type         | <b>DDR4 LRDIMM</b>                  |
| Speed        | <b>3200 MT/s, PC4-25600</b>         |
| Organisation | <b>4Rx4</b>                         |
| Voltage      | <b>1.2 V</b>                        |
| Condition    | <b>New, factory tray</b>            |
| Availability | <b>Ex-stock Hong Kong — limited</b> |



## Enterprise Hard Drives

Capacity per bay is the easy part. Workload rating, interface and rotational vibration tolerance are what decide whether a fleet of drives survives its warranty period in a dense chassis.

We ship nearline drives in original anti-static bulk packing on pallet quantities, and we will label to your asset scheme where a deployment needs it.

### ST20000NM002D - Seagate Exos X20 20TB SAS

Nearline capacity for backup targets, video archives and object storage nodes, shipped in factory bulk trays with anti-static packing.

|              |                           |
|--------------|---------------------------|
| Capacity     | <b>20 TB</b>              |
| Interface    | <b>SAS 12 Gb/s</b>        |
| Form factor  | <b>3.5in</b>              |
| Speed        | <b>7200 rpm</b>           |
| Cache        | <b>256 MB</b>             |
| Condition    | <b>New, bulk pack</b>     |
| Availability | <b>Ex-stock Hong Kong</b> |

### WUH722020BLE6L4 - Western Digital Ultrastar DC HC560 20TB SATA

The SATA counterpart for backup appliances and software-defined storage nodes that have no SAS fabric behind them.

|              |                           |
|--------------|---------------------------|
| Capacity     | <b>20 TB</b>              |
| Interface    | <b>SATA 6 Gb/s</b>        |
| Form factor  | <b>3.5in</b>              |
| Speed        | <b>7200 rpm</b>           |
| Cache        | <b>512 MB</b>             |
| Condition    | <b>New, bulk pack</b>     |
| Availability | <b>Ex-stock Hong Kong</b> |

### ST16000NM000J - Seagate Exos X18 16TB SATA

A capacity point that suits mid-sized backup and surveillance deployments where 20 TB drives overshoot the chassis power budget.

|              |                           |
|--------------|---------------------------|
| Capacity     | <b>16 TB</b>              |
| Interface    | <b>SATA 6 Gb/s</b>        |
| Form factor  | <b>3.5in</b>              |
| Speed        | <b>7200 rpm</b>           |
| Cache        | <b>256 MB</b>             |
| Condition    | <b>New, bulk pack</b>     |
| Availability | <b>Ex-stock Hong Kong</b> |



## **MG09ACA18TE - Toshiba MG09 18TB SATA**

A helium-sealed alternative source at 18 TB, frequently specified where a fleet policy requires drives from more than one manufacturer.

|              |                                     |
|--------------|-------------------------------------|
| Capacity     | <b>18 TB</b>                        |
| Interface    | <b>SATA 6 Gb/s</b>                  |
| Form factor  | <b>3.5in</b>                        |
| Speed        | <b>7200 rpm</b>                     |
| Cache        | <b>512 MB</b>                       |
| Condition    | <b>New, bulk pack</b>               |
| Availability | <b>Ex-stock Hong Kong — limited</b> |



## Enterprise SSD

Endurance class matters more than headline capacity. A read-intensive drive placed in a write-heavy workload will reach its warranty limit years early, and the failure will not look like a supplier problem until someone checks the datasheet.

Form factor is the other trap. U.3 drives will not always work behind a tri-mode controller that was never qualified for the combination. We check before quoting.

### MZQL23T8HCLS-00A07 - Samsung PM9A3 3.84TB U.2 NVMe

The read-intensive NVMe drive most regional hosting fleets standardise on. Consistent latency under sustained read and priced for deployment at scale.

|              |                               |
|--------------|-------------------------------|
| Capacity     | <b>3.84 TB</b>                |
| Interface    | <b>PCIe Gen4 x4 NVMe</b>      |
| Form factor  | <b>U.2 2.5in 7mm</b>          |
| Endurance    | <b>1 DWPD, read intensive</b> |
| Read         | <b>6800 MB/s</b>              |
| Condition    | <b>New, sealed</b>            |
| Availability | <b>Ex-stock Hong Kong</b>     |

### SSDPF2KX076T1N1 - Solidigm D7-P5520 7.68TB U.2 NVMe

High capacity per bay for archive and content tiers, with the low idle power that matters when a rack is full of them.

|              |                               |
|--------------|-------------------------------|
| Capacity     | <b>7.68 TB</b>                |
| Interface    | <b>PCIe Gen4 x4 NVMe</b>      |
| Form factor  | <b>U.2 2.5in 15mm</b>         |
| Endurance    | <b>1 DWPD, read intensive</b> |
| Read         | <b>7100 MB/s</b>              |
| Condition    | <b>New, sealed</b>            |
| Availability | <b>Ex-stock Hong Kong</b>     |

### MTFDKCC3T8TFR-1BC1ZABYY - Micron 7450 PRO 3.84TB U.3 NVMe

A U.3 drive with a long firmware support record, often specified where a fleet must stay on one qualified firmware family for years.

|              |                               |
|--------------|-------------------------------|
| Capacity     | <b>3.84 TB</b>                |
| Interface    | <b>PCIe Gen4 x4 NVMe</b>      |
| Form factor  | <b>U.3 2.5in 7mm</b>          |
| Endurance    | <b>1 DWPD, read intensive</b> |
| Read         | <b>6800 MB/s</b>              |
| Condition    | <b>New, sealed</b>            |
| Availability | <b>Ex-stock Hong Kong</b>     |



## **MZ7L31T9HBLT-00A07 - Samsung PM893 1.92TB SATA SSD**

SATA enterprise capacity for boot volumes, logging tiers and older backplanes that will never see an NVMe drive.

|              |                               |
|--------------|-------------------------------|
| Capacity     | <b>1.92 TB</b>                |
| Interface    | <b>SATA 6 Gb/s</b>            |
| Form factor  | <b>2.5in 7mm</b>              |
| Endurance    | <b>1 DWPD, read intensive</b> |
| Read         | <b>550 MB/s</b>               |
| Condition    | <b>New, sealed</b>            |
| Availability | <b>Ex-stock Hong Kong</b>     |



## HBA & RAID Controllers

Software-defined storage wants raw drives and no RAID layer in the way. Traditional tenders still specify cached hardware RAID by name. We stock both and will say plainly which suits the design you have described.

Cables and backplane connectors are quoted with the controller by default, because they are the parts that hold up an installation most often.

### 05-50077-00 - Broadcom HBA 9500-8i Tri-Mode

A straight pass-through adapter for software-defined storage, where the operating system wants raw drives and no RAID layer in between.

|              |                                   |
|--------------|-----------------------------------|
| Ports        | <b>8 internal, 2x SFF-8654</b>    |
| Protocol     | <b>Tri-mode NVMe / SAS / SATA</b> |
| Link speed   | <b>24 Gb/s SAS-4</b>              |
| Interface    | <b>PCIe Gen4 x8</b>               |
| Mode         | <b>IT pass-through</b>            |
| Condition    | <b>New, sealed</b>                |
| Availability | <b>Ex-stock Hong Kong</b>         |

### 05-50077-02 - Broadcom MegaRAID 9560-16i

Sixteen internal ports with 8 GB of protected cache, for the traditional RAID builds that banks and government tenders still specify by name.

|              |                                     |
|--------------|-------------------------------------|
| Ports        | <b>16 internal, 4x SFF-8654</b>     |
| Protocol     | <b>Tri-mode NVMe / SAS / SATA</b>   |
| Cache        | <b>8 GB DDR4 with CacheVault</b>    |
| Interface    | <b>PCIe Gen4 x8</b>                 |
| RAID levels  | <b>0, 1, 5, 6, 10, 50, 60</b>       |
| Condition    | <b>New, sealed</b>                  |
| Availability | <b>Ex-stock Hong Kong — limited</b> |

### 05-25699-00 - Broadcom SAS 9300-8i HBA

The classic 12 Gb pass-through card. Still ordered constantly for storage servers built around ZFS and Ceph, and supplied here tested and cross-flashed to IT mode on request.

|              |                                |
|--------------|--------------------------------|
| Ports        | <b>8 internal, 2x SFF-8643</b> |
| Protocol     | <b>SAS / SATA</b>              |
| Link speed   | <b>12 Gb/s</b>                 |
| Interface    | <b>PCIe Gen3 x8</b>            |
| Mode         | <b>IT pass-through</b>         |
| Condition    | <b>Refurbished, tested</b>     |
| Availability | <b>Ex-stock Hong Kong</b>      |



### **QLE2772-SR-CK - Marvell QLogic QLE2772 32G FC Dual**

Dual-port 32 Gb Fibre Channel for SAN attachment, supplied with short-wave optics fitted unless you specify otherwise.

|              |                                |
|--------------|--------------------------------|
| Ports        | <b>2x SFP+</b>                 |
| Speed        | <b>32 Gb FC per port</b>       |
| Interface    | <b>PCIe Gen4 x8</b>            |
| Optics       | <b>SR included</b>             |
| Bracket      | <b>Tall and short supplied</b> |
| Condition    | <b>New, sealed</b>             |
| Availability | <b>Ex-stock Hong Kong</b>      |



## Network Cards

A single letter at the end of an adapter part number changes the bracket, the cable type or the cryptographic option. The wrong card usually reveals itself on the morning of the cutover.

Both bracket heights are stocked together and we will fit the one you need before packing, at no charge.

### **MCX623106AN-CDAT - NVIDIA ConnectX-6 Dx 100GbE Dual QSFP56**

The most widely deployed 100G adapter in the region and the one we sell most of. Dual port, with the hardware root of trust that security reviews increasingly ask for.

|              |                                        |
|--------------|----------------------------------------|
| Ports        | <b>2x QSFP56</b>                       |
| Speed        | <b>100 GbE per port</b>                |
| Interface    | <b>PCIe Gen4 x16</b>                   |
| Offloads     | <b>RoCEv2, ASAP<sup>2</sup>, IPsec</b> |
| Bracket      | <b>Tall and short supplied</b>         |
| Condition    | <b>New, sealed</b>                     |
| Availability | <b>Ex-stock Hong Kong</b>              |

### **MCX512A-ACAT - NVIDIA ConnectX-5 25GbE Dual SFP28**

The default 25G adapter for hyperconverged and general virtualisation nodes. Held in depth because it is the part most often needed as a same-day replacement.

|              |                                |
|--------------|--------------------------------|
| Ports        | <b>2x SFP28</b>                |
| Speed        | <b>25 GbE per port</b>         |
| Interface    | <b>PCIe Gen3 x8</b>            |
| Offloads     | <b>RoCEv2, SR-IOV</b>          |
| Bracket      | <b>Tall and short supplied</b> |
| Condition    | <b>New, sealed</b>             |
| Availability | <b>Ex-stock Hong Kong</b>      |

### **X710DA2 - Intel X710-DA2 10GbE Dual SFP+**

Ten-gigabit dual port with driver support in every hypervisor in current use. The safe choice when a build is standardised on Intel end to end.

|              |                                |
|--------------|--------------------------------|
| Ports        | <b>2x SFP+</b>                 |
| Speed        | <b>10 GbE per port</b>         |
| Interface    | <b>PCIe Gen3 x8</b>            |
| Offloads     | <b>SR-IOV, VXLAN, NVGRE</b>    |
| Bracket      | <b>Tall and short supplied</b> |
| Condition    | <b>New, bulk pack</b>          |
| Availability | <b>Ex-stock Hong Kong</b>      |



**MCX713106AS-VEAT - NVIDIA ConnectX-7 200GbE Dual QSFP112**

Dual-port 200G with hardware offload for storage and virtualisation traffic. Confirm your PCIe generation first: Gen4 will bottleneck both ports at line rate.

|              |                                   |
|--------------|-----------------------------------|
| Ports        | <b>2x QSFP112</b>                 |
| Speed        | <b>200 GbE per port</b>           |
| Interface    | <b>PCIe Gen5 x16</b>              |
| Offloads     | <b>RoCEv2, NVMe-oF, GPUDirect</b> |
| Bracket      | <b>Tall and short supplied</b>    |
| Condition    | <b>New, sealed</b>                |
| Availability | <b>Allocated — 2 to 3 weeks</b>   |



## Motherboards

Boards are ordered either as a straight replacement for a failed unit or as the foundation of a custom build. The two cases need different conversations, so tell us which one you are in.

For replacements, send the existing board revision and BIOS level. Cross-generation substitutions frequently work electrically and fail on firmware.

### **MBD-X13DEI-T-O - Supermicro X13DEI-T Dual LGA4677**

A dual-socket E-ATX board with sixteen DIMM slots and dual 10GBase-T on board. The workhorse of most custom Xeon builds we supply.

|              |                                |
|--------------|--------------------------------|
| Socket       | <b>2x LGA 4677</b>             |
| Chipset      | <b>Intel C741</b>              |
| Memory       | <b>16x DDR5 RDIMM, 4TB max</b> |
| Expansion    | <b>5x PCIe Gen5</b>            |
| Networking   | <b>2x 10GBase-T</b>            |
| Condition    | <b>New, sealed</b>             |
| Availability | <b>Ex-stock Hong Kong</b>      |

### **MBD-H13SSL-N-O - Supermicro H13SSL-N Single SP5**

Single-socket EPYC with twelve memory channels populated, which is the point of Genoa. Popular for storage servers and single-socket compute nodes.

|              |                                |
|--------------|--------------------------------|
| Socket       | <b>SP5</b>                     |
| Chipset      | <b>AMD SoC</b>                 |
| Memory       | <b>12x DDR5 RDIMM, 3TB max</b> |
| Expansion    | <b>5x PCIe Gen5</b>            |
| Networking   | <b>2x 1GbE</b>                 |
| Condition    | <b>New, sealed</b>             |
| Availability | <b>Ex-stock Hong Kong</b>      |

### **90SB0500-M0AAN0 - ASUS Pro WS W790E-SAGE SE**

A workstation board for single-socket Xeon W builds where PCIe lane count matters more than rack density. Seven full-length slots.

|              |                                     |
|--------------|-------------------------------------|
| Socket       | <b>LGA 4677</b>                     |
| Chipset      | <b>Intel W790</b>                   |
| Memory       | <b>8x DDR5 RDIMM, 2TB max</b>       |
| Expansion    | <b>7x PCIe Gen5 x16</b>             |
| Networking   | <b>10GbE + 2.5GbE</b>               |
| Condition    | <b>New, sealed</b>                  |
| Availability | <b>Ex-stock Hong Kong — limited</b> |



**MZ33-AR0 - Gigabyte MZ33-AR0 Single SP5**

A 24-DIMM single-socket EPYC board for memory-heavy single-socket designs. Ordered against a confirmed purchase order.

|              |                                |
|--------------|--------------------------------|
| Socket       | <b>SP5</b>                     |
| Chipset      | <b>AMD SoC</b>                 |
| Memory       | <b>24x DDR5 RDIMM, 6TB max</b> |
| Expansion    | <b>4x PCIe Gen5 x16</b>        |
| Networking   | <b>2x 10GbE</b>                |
| Condition    | <b>New, sealed</b>             |
| Availability | <b>Indent — 3 to 4 weeks</b>   |



## Power Supplies

Power supplies are a spares line more than a build line. Most orders we see are a site replacing a failed module in a running chassis, which means the exact vendor part number matters and a generic equivalent will not seat.

We hold the common Supermicro, Dell and HPE modules and can usually ship the same day.

### **PWS-1K62A-1R - Supermicro 1600W Titanium Redundant Module**

The redundant module fitted to a large part of the Supermicro 2U range. Most orders are single units replacing a failed supply in a running chassis.

|              |                                  |
|--------------|----------------------------------|
| Output       | <b>1600 W</b>                    |
| Efficiency   | <b>80 PLUS Titanium</b>          |
| Input        | <b>100-240 V AC</b>              |
| Form factor  | <b>Redundant hot-swap module</b> |
| Cooling      | <b>Internal fan</b>              |
| Condition    | <b>New, sealed</b>               |
| Availability | <b>Ex-stock Hong Kong</b>        |

### **PWS-2K21A-1R - Supermicro 2100W Titanium Redundant Module**

Higher output for GPU chassis, where four modules of this rating are commonly fitted to feed eight double-width cards.

|              |                                  |
|--------------|----------------------------------|
| Output       | <b>2100 W</b>                    |
| Efficiency   | <b>80 PLUS Titanium</b>          |
| Input        | <b>200-240 V AC</b>              |
| Form factor  | <b>Redundant hot-swap module</b> |
| Cooling      | <b>Internal fan</b>              |
| Condition    | <b>New, sealed</b>               |
| Availability | <b>Ex-stock Hong Kong</b>        |

### **0GRTNK - Dell 1100W Platinum Hot-Plug PSU**

The 1100 W module used across several PowerEdge generations. Held as a spares line because these fail more often than anything else in a busy rack.

|               |                                            |
|---------------|--------------------------------------------|
| Output        | <b>1100 W</b>                              |
| Efficiency    | <b>80 PLUS Platinum</b>                    |
| Input         | <b>100-240 V AC</b>                        |
| Form factor   | <b>Hot-plug module</b>                     |
| Compatibility | <b>PowerEdge R640 / R740 / R750 family</b> |
| Condition     | <b>New, sealed</b>                         |
| Availability  | <b>Ex-stock Hong Kong</b>                  |



**865414-B21 - HPE 800W Flex Slot Platinum PSU**

The Flex Slot module fitted across the ProLiant Gen10 and Gen11 range, and the part most often requested on urgent same-day terms.

|               |                                        |
|---------------|----------------------------------------|
| Output        | <b>800 W</b>                           |
| Efficiency    | <b>80 PLUS Platinum</b>                |
| Input         | <b>100-240 V AC</b>                    |
| Form factor   | <b>Flex Slot hot-plug</b>              |
| Compatibility | <b>ProLiant DL360 / DL380 Gen10-11</b> |
| Condition     | <b>New, sealed</b>                     |
| Availability  | <b>Ex-stock Hong Kong — limited</b>    |



## Barebone Systems

Integrators who buy processors, memory and drives on their own terms usually want the platform bare. We supply it that way, with rails and the correct cable set, and leave the configuration to you.

Every barebone we ship is powered on and checked to BIOS before it is packed.

### **SYS-221H-TNR - Supermicro Hyper SYS-221H-TNR 2U Barebone**

A dual-socket 2U barebone with a flexible backplane, for projects that need a slot layout the tier-one catalogue does not offer.

|              |                                     |
|--------------|-------------------------------------|
| Form factor  | <b>2U rack barebone</b>             |
| Sockets      | <b>2x LGA 4677</b>                  |
| Memory slots | <b>32 DDR5</b>                      |
| Drive bays   | <b>12x 3.5in or 24x 2.5in</b>       |
| Expansion    | <b>Up to 8 PCIe Gen5</b>            |
| Condition    | <b>New, configured to order</b>     |
| Availability | <b>Built in 3 to 5 working days</b> |

### **AS-2115HS-TNR - Supermicro AS-2115HS-TNR 1U EPYC Barebone**

Single-socket EPYC in 1U with twelve memory channels. The dense compute node of choice where rack units are more expensive than silicon.

|              |                                     |
|--------------|-------------------------------------|
| Form factor  | <b>1U rack barebone</b>             |
| Socket       | <b>SP5</b>                          |
| Memory slots | <b>24 DDR5</b>                      |
| Drive bays   | <b>12x 2.5in NVMe</b>               |
| Expansion    | <b>3x PCIe Gen5</b>                 |
| Condition    | <b>New, configured to order</b>     |
| Availability | <b>Built in 3 to 5 working days</b> |

### **SYS-741GE-TNRT - Supermicro SYS-741GE-TNRT 4U GPU Barebone**

A 4U dual-Xeon platform taking four double-width accelerators. Ordered against a signed purchase order and shipped thermally validated with the cards fitted.

|              |                                 |
|--------------|---------------------------------|
| Form factor  | <b>4U rack or tower</b>         |
| Sockets      | <b>2x LGA 4677</b>              |
| Memory slots | <b>16 DDR5</b>                  |
| GPU capacity | <b>4x double-width Gen5</b>     |
| Drive bays   | <b>8x 2.5in NVMe</b>            |
| Condition    | <b>New, configured to order</b> |
| Availability | <b>Indent — 4 to 6 weeks</b>    |



## **R283-Z90-AAE1 - Gigabyte R283-Z90 2U Barebone**

A dual-socket EPYC 2U with twenty-four NVMe bays, chosen most often for all-flash storage nodes where drive count is the whole point.

|              |                                     |
|--------------|-------------------------------------|
| Form factor  | <b>2U rack barebone</b>             |
| Sockets      | <b>2x SP5</b>                       |
| Memory slots | <b>24 DDR5</b>                      |
| Drive bays   | <b>24x 2.5in NVMe</b>               |
| Expansion    | <b>8x PCIe Gen5</b>                 |
| Condition    | <b>New, configured to order</b>     |
| Availability | <b>Built in 5 to 8 working days</b> |



## Complete Servers

Buying a chassis, processors, memory and drives from four sources means four shipments, four invoices and four opportunities for something to be wrong. We consolidate the build into one line item.

Systems are assembled, updated to a firmware level you nominate, run for 24 hours under load, and shipped with the test log.

### R760-CTO - Dell PowerEdge R760 2U Rack Server

The dual-socket 2U platform behind most enterprise refreshes we supply. Built to your bill of materials, burned in for 24 hours, shipped as one line item.

|              |                                     |
|--------------|-------------------------------------|
| Form factor  | <b>2U rack</b>                      |
| Processors   | <b>2x 4th/5th Gen Xeon Scalable</b> |
| Memory slots | <b>32 DDR5</b>                      |
| Drive bays   | <b>Up to 24x 2.5in NVMe/SAS</b>     |
| Expansion    | <b>Up to 8 PCIe Gen5</b>            |
| Condition    | <b>New, configured to order</b>     |
| Availability | <b>Built in 3 to 5 working days</b> |

### R660-CTO - Dell PowerEdge R660 1U Rack Server

A dense 1U node for virtualisation and container clusters. Rails and cable management arm are quoted with every chassis rather than remembered later.

|              |                                     |
|--------------|-------------------------------------|
| Form factor  | <b>1U rack</b>                      |
| Processors   | <b>2x 4th/5th Gen Xeon Scalable</b> |
| Memory slots | <b>32 DDR5</b>                      |
| Drive bays   | <b>Up to 10x 2.5in NVMe</b>         |
| Expansion    | <b>Up to 3 PCIe Gen5</b>            |
| Condition    | <b>New, configured to order</b>     |
| Availability | <b>Built in 3 to 5 working days</b> |

### P52560-B21 - HPE ProLiant DL380 Gen11

The 2U platform most often named in tender documents across Asia. Wide storage options and a management stack most operations teams already know.

|              |                                     |
|--------------|-------------------------------------|
| Form factor  | <b>2U rack</b>                      |
| Processors   | <b>2x 4th/5th Gen Xeon Scalable</b> |
| Memory slots | <b>32 DDR5</b>                      |
| Drive bays   | <b>Up to 24x SFF</b>                |
| Expansion    | <b>Up to 8 PCIe Gen5</b>            |
| Condition    | <b>New, configured to order</b>     |
| Availability | <b>Built in 3 to 5 working days</b> |



**7D76CTO1WW - Lenovo ThinkSystem SR650 V3**

A 2U platform that tends to win on price in education and healthcare tenders, with a storage-rich backplane option suited to imaging and archive workloads.

|              |                                     |
|--------------|-------------------------------------|
| Form factor  | <b>2U rack</b>                      |
| Processors   | <b>2x 4th/5th Gen Xeon Scalable</b> |
| Memory slots | <b>32 DDR5</b>                      |
| Drive bays   | <b>Up to 20x 3.5in</b>              |
| Expansion    | <b>Up to 8 PCIe Gen5</b>            |
| Condition    | <b>New, configured to order</b>     |
| Availability | <b>Built in 5 to 8 working days</b> |



## Business Notebooks

Fleet notebook buying is about consistency rather than specification. A model that is in stock today and gone next month is no use when a rollout runs over two quarters, so we quote against confirmed availability windows.

Docks, chargers and carry cases are quoted alongside, because they are always needed and always forgotten.

### 9G0P3ET - HP EliteBook 840 G11 14in

The volume 14-inch commercial notebook. Consistent chassis across the generation, which is what matters for a rollout that runs over two quarters.

|              |                                 |
|--------------|---------------------------------|
| Display      | <b>14in WUXGA IPS, 400 nits</b> |
| Processor    | <b>Intel Core Ultra 7 155U</b>  |
| Memory       | <b>16 GB LPDDR5x</b>            |
| Storage      | <b>512 GB NVMe</b>              |
| Weight       | <b>1.33 kg</b>                  |
| Condition    | <b>New, sealed</b>              |
| Availability | <b>Ex-stock Hong Kong</b>       |

### 21ML0038MZ - Lenovo ThinkPad T14 Gen 5 14in

The fleet standard for organisations that have standardised on ThinkPad docking and keyboard layout. Serviceable, with a replaceable battery.

|              |                                 |
|--------------|---------------------------------|
| Display      | <b>14in WUXGA IPS, 400 nits</b> |
| Processor    | <b>Intel Core Ultra 5 125U</b>  |
| Memory       | <b>16 GB DDR5</b>               |
| Storage      | <b>512 GB NVMe</b>              |
| Weight       | <b>1.37 kg</b>                  |
| Condition    | <b>New, sealed</b>              |
| Availability | <b>Ex-stock Hong Kong</b>       |

### N001L545014EMEA - Dell Latitude 5450 14in

A mid-tier commercial machine that usually wins on landed cost for large deployments where specification requirements are modest.

|              |                                |
|--------------|--------------------------------|
| Display      | <b>14in FHD IPS, 250 nits</b>  |
| Processor    | <b>Intel Core Ultra 5 125H</b> |
| Memory       | <b>16 GB DDR5</b>              |
| Storage      | <b>512 GB NVMe</b>             |
| Weight       | <b>1.40 kg</b>                 |
| Condition    | <b>New, sealed</b>             |
| Availability | <b>Ex-stock Hong Kong</b>      |



**9Y7A1ET - HP ProBook 450 G11 15.6in**

The 15.6-inch entry commercial line, ordered mostly for back-office and shared workstation deployments where screen size beats portability.

|              |                                     |
|--------------|-------------------------------------|
| Display      | <b>15.6in FHD IPS, 250 nits</b>     |
| Processor    | <b>Intel Core 7 150U</b>            |
| Memory       | <b>16 GB DDR5</b>                   |
| Storage      | <b>512 GB NVMe</b>                  |
| Weight       | <b>1.79 kg</b>                      |
| Condition    | <b>New, sealed</b>                  |
| Availability | <b>Ex-stock Hong Kong — limited</b> |



## Mobile Workstations

Mobile workstations are bought against an application certification list far more often than against a benchmark. Tell us which software the machines have to be certified for and we will match the graphics option to it.

These are heavier, hotter machines with real power requirements. We quote the correct adapter and dock rather than assuming the standard one will do.

### 8T0S4EA - HP ZBook Fury 16 G11 Mobile Workstation

The heavyweight of the mobile workstation range, taking a 16-core processor and professional graphics with ISV certification across the major engineering suites.

|              |                                  |
|--------------|----------------------------------|
| Display      | <b>16in WUXGA DreamColor</b>     |
| Processor    | <b>Intel Core i9-14900HX</b>     |
| Graphics     | <b>NVIDIA RTX 3500 Ada 12 GB</b> |
| Memory       | <b>32 GB DDR5, 4 slots</b>       |
| Storage      | <b>1 TB NVMe</b>                 |
| Condition    | <b>New, sealed</b>               |
| Availability | <b>Allocated — 2 weeks</b>       |

### 21FA000GMZ - Lenovo ThinkPad P16 Gen 2 Mobile Workstation

A serviceable 16-inch workstation with four memory slots and two drive bays, which is what engineering users actually ask for when specifying their own machines.

|              |                                 |
|--------------|---------------------------------|
| Display      | <b>16in WQXGA IPS, 500 nits</b> |
| Processor    | <b>Intel Core i7-13850HX</b>    |
| Graphics     | <b>NVIDIA RTX 2000 Ada 8 GB</b> |
| Memory       | <b>32 GB DDR5, 4 slots</b>      |
| Storage      | <b>1 TB NVMe</b>                |
| Condition    | <b>New, sealed</b>              |
| Availability | <b>Ex-stock Hong Kong</b>       |

### N008P7680EMEA - Dell Precision 7680 Mobile Workstation

Dell's 16-inch workstation, frequently specified where a site already runs Precision desktops and wants matching management tooling.

|              |                                  |
|--------------|----------------------------------|
| Display      | <b>16in FHD+ IPS, 500 nits</b>   |
| Processor    | <b>Intel Core i7-13850HX</b>     |
| Graphics     | <b>NVIDIA RTX 3500 Ada 12 GB</b> |
| Memory       | <b>32 GB DDR5</b>                |
| Storage      | <b>1 TB NVMe</b>                 |
| Condition    | <b>New, sealed</b>               |
| Availability | <b>Ex-stock Hong Kong</b>        |



**8T0M9EA - HP ZBook Power 16 G11**

A lighter workstation for users who need certified graphics but carry the machine daily. The usual compromise choice for architecture and GIS teams.

|              |                                 |
|--------------|---------------------------------|
| Display      | <b>16in WUXGA IPS, 400 nits</b> |
| Processor    | <b>Intel Core Ultra 7 155H</b>  |
| Graphics     | <b>NVIDIA RTX 1000 Ada 6 GB</b> |
| Memory       | <b>32 GB DDR5</b>               |
| Storage      | <b>1 TB NVMe</b>                |
| Condition    | <b>New, sealed</b>              |
| Availability | <b>Ex-stock Hong Kong</b>       |



## Desktop Processors

Retail channel buyers need boxed stock with intact seals and regional warranty. System builders usually prefer tray. We carry both and state which on the quote.

Quantities move fast on launch parts. Availability shown here is a guide; confirm before you publish a price to your own customers.

### **BX8071514900K - Intel Core i9-14900K Boxed**

The top of the 14th generation desktop stack. Sold boxed with regional warranty intact for the retail channel, or tray for system builders.

|                 |                                |
|-----------------|--------------------------------|
| Cores / threads | <b>24 (8P+16E) / 32</b>        |
| Base clock      | <b>3.20 GHz P-core</b>         |
| Max turbo       | <b>6.00 GHz</b>                |
| Cache           | <b>36 MB L3</b>                |
| TDP             | <b>125 W base, 253 W turbo</b> |
| Condition       | <b>New, sealed retail</b>      |
| Availability    | <b>Ex-stock Hong Kong</b>      |

### **BX8071514700K - Intel Core i7-14700K Boxed**

The volume enthusiast part, and the one that moves fastest through the channel. Twenty cores at a price most builds can absorb.

|                 |                                |
|-----------------|--------------------------------|
| Cores / threads | <b>20 (8P+12E) / 28</b>        |
| Base clock      | <b>3.40 GHz P-core</b>         |
| Max turbo       | <b>5.60 GHz</b>                |
| Cache           | <b>33 MB L3</b>                |
| TDP             | <b>125 W base, 253 W turbo</b> |
| Condition       | <b>New, sealed retail</b>      |
| Availability    | <b>Ex-stock Hong Kong</b>      |

### **100-100000514WOF - AMD Ryzen 9 7950X Boxed**

Sixteen Zen 4 cores for content creation and compilation workloads. Supplied without a cooler, so quote one alongside.

|                 |                           |
|-----------------|---------------------------|
| Cores / threads | <b>16 / 32</b>            |
| Base clock      | <b>4.50 GHz</b>           |
| Max boost       | <b>5.70 GHz</b>           |
| Cache           | <b>64 MB L3</b>           |
| TDP             | <b>170 W</b>              |
| Condition       | <b>New, sealed retail</b> |
| Availability    | <b>Ex-stock Hong Kong</b> |



**100-100000910WOF - AMD Ryzen 7 7800X3D Boxed**

The 3D V-Cache gaming part, which sells out regularly and is worth ordering ahead of a channel promotion rather than during one.

|                 |                                     |
|-----------------|-------------------------------------|
| Cores / threads | <b>8 / 16</b>                       |
| Base clock      | <b>4.20 GHz</b>                     |
| Max boost       | <b>5.00 GHz</b>                     |
| Cache           | <b>96 MB L3 with 3D V-Cache</b>     |
| TDP             | <b>120 W</b>                        |
| Condition       | <b>New, sealed retail</b>           |
| Availability    | <b>Ex-stock Hong Kong — limited</b> |



## Consumer Storage

Client storage is a volume business with thin margins and high return sensitivity, which makes packaging condition and warranty region matter as much as price.

We supply sealed retail packs with the regional warranty intact, and we say so when a batch is bulk rather than retail.

### **MZ-V9P2T0BW - Samsung 990 PRO 2TB NVMe SSD**

The client NVMe benchmark most retail customers ask for by name. Sealed retail packs with regional warranty.

|              |                           |
|--------------|---------------------------|
| Capacity     | <b>2 TB</b>               |
| Interface    | <b>PCIe Gen4 x4 NVMe</b>  |
| Form factor  | <b>M.2 2280</b>           |
| Read         | <b>7450 MB/s</b>          |
| Write        | <b>6900 MB/s</b>          |
| Condition    | <b>New, sealed retail</b> |
| Availability | <b>Ex-stock Hong Kong</b> |

### **WDS200T2X0E - WD Black SN850X 2TB NVMe SSD**

The main alternative at the 2 TB gaming tier, and the one to quote when Samsung allocation is tight.

|              |                           |
|--------------|---------------------------|
| Capacity     | <b>2 TB</b>               |
| Interface    | <b>PCIe Gen4 x4 NVMe</b>  |
| Form factor  | <b>M.2 2280</b>           |
| Read         | <b>7300 MB/s</b>          |
| Write        | <b>6600 MB/s</b>          |
| Condition    | <b>New, sealed retail</b> |
| Availability | <b>Ex-stock Hong Kong</b> |

### **CT2000T700SSD3 - Crucial T700 2TB Gen5 NVMe SSD**

Gen5 client storage for builds on current platforms. Runs hot enough that a heatsink variant is usually the better order.

|              |                                     |
|--------------|-------------------------------------|
| Capacity     | <b>2 TB</b>                         |
| Interface    | <b>PCIe Gen5 x4 NVMe</b>            |
| Form factor  | <b>M.2 2280</b>                     |
| Read         | <b>12400 MB/s</b>                   |
| Write        | <b>11800 MB/s</b>                   |
| Condition    | <b>New, sealed retail</b>           |
| Availability | <b>Ex-stock Hong Kong — limited</b> |



## **ST4000DM004 - Seagate BarraCuda 4TB Desktop HDD**

Bulk desktop capacity for secondary storage in retail builds. Still ordered in volume despite everything moving to flash.

|              |                           |
|--------------|---------------------------|
| Capacity     | <b>4 TB</b>               |
| Interface    | <b>SATA 6 Gb/s</b>        |
| Form factor  | <b>3.5in</b>              |
| Speed        | <b>5400 rpm</b>           |
| Cache        | <b>256 MB</b>             |
| Condition    | <b>New, retail</b>        |
| Availability | <b>Ex-stock Hong Kong</b> |



## Desktop Graphics

Desktop graphics pricing is the most volatile line in the consumer channel. Our quotes carry a short validity window for that reason, and we say so on the document rather than in the small print.

Board partner and cooler design change the physical size. Confirm case clearance before ordering in quantity.

### RTX4090-24G - NVIDIA GeForce RTX 4090 24GB

The halo consumer card, bought as much for local AI work as for gaming. Availability and price both move weekly, so quotes are short-dated.

|              |                                 |
|--------------|---------------------------------|
| GPU memory   | <b>24 GB GDDR6X</b>             |
| Bandwidth    | <b>1008 GB/s</b>                |
| Interface    | <b>PCIe Gen4 x16</b>            |
| Board power  | <b>450 W</b>                    |
| Displays     | <b>3x DP 1.4a, 1x HDMI 2.1</b>  |
| Condition    | <b>New, sealed retail</b>       |
| Availability | <b>Allocated — 1 to 2 weeks</b> |

### RTX4080S-16G - NVIDIA GeForce RTX 4080 SUPER 16GB

The practical top-tier card for most builds, at a power budget a standard supply can actually handle.

|              |                                |
|--------------|--------------------------------|
| GPU memory   | <b>16 GB GDDR6X</b>            |
| Bandwidth    | <b>736 GB/s</b>                |
| Interface    | <b>PCIe Gen4 x16</b>           |
| Board power  | <b>320 W</b>                   |
| Displays     | <b>3x DP 1.4a, 1x HDMI 2.1</b> |
| Condition    | <b>New, sealed retail</b>      |
| Availability | <b>Ex-stock Hong Kong</b>      |

### RX7900XTX-24G - AMD Radeon RX 7900 XTX 24GB

Twenty-four gigabytes at a lower price point than the equivalent GeForce, which matters for high-resolution gaming and local model work.

|              |                                         |
|--------------|-----------------------------------------|
| GPU memory   | <b>24 GB GDDR6</b>                      |
| Bandwidth    | <b>960 GB/s</b>                         |
| Interface    | <b>PCIe Gen4 x16</b>                    |
| Board power  | <b>355 W</b>                            |
| Displays     | <b>2x DP 2.1, 1x HDMI 2.1, 1x USB-C</b> |
| Condition    | <b>New, sealed retail</b>               |
| Availability | <b>Ex-stock Hong Kong</b>               |



**RTX4070TIS-16G - NVIDIA GeForce RTX 4070 Ti SUPER 16GB**

The mainstream volume card in the current range, and the one most system builder configurations are designed around.

|              |                                |
|--------------|--------------------------------|
| GPU memory   | <b>16 GB GDDR6X</b>            |
| Bandwidth    | <b>672 GB/s</b>                |
| Interface    | <b>PCIe Gen4 x16</b>           |
| Board power  | <b>285 W</b>                   |
| Displays     | <b>3x DP 1.4a, 1x HDMI 2.1</b> |
| Condition    | <b>New, sealed retail</b>      |
| Availability | <b>Ex-stock Hong Kong</b>      |