

[hyperscalers.com](https://hyperscalers.com)

Operating from USA UK AUS IND

**Solving** Information  
Technology's **Complexity**



## What we do



### Hyperscale x86

In use by macroserviceproviders



### Tier 1 Original x86

Used or planned for use  
by Tier 1 OEM



### IP-Appliance Design

Productize delivery of your  
Digital-IP



### Lab as a Service

Test drive our appliances  
with LaaS



### End User Devices

Gamingbooks, Chromebooks,  
and Notebooks

## Who are our customers

“ Next-Gen Open OEM Solving Information  
Technology's Complexity ”

Telco



OEM



SI



Cloud



Digital IP



MSP



# Information Technology's Two Greatest Unknowns

1

## A new Open OEM Hyperscalers



**Vanity Free Procurement**  
1<sup>st</sup> Open OEM alternative to proprietary OEM



**Free of Software Lock-Ins**  
Free of proprietary software lock-ins



**Free of Hardware Lock-Ins**  
Free of proprietary hardware lock-ins

2

## Everyone has Quanta-made ODM devices



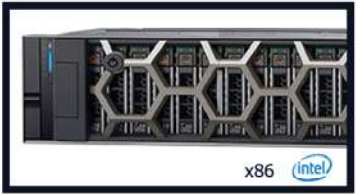
**In their datacentre**  
Quanta makes one of every six servers



**At their office**  
Quanta makes one of every three notebooks



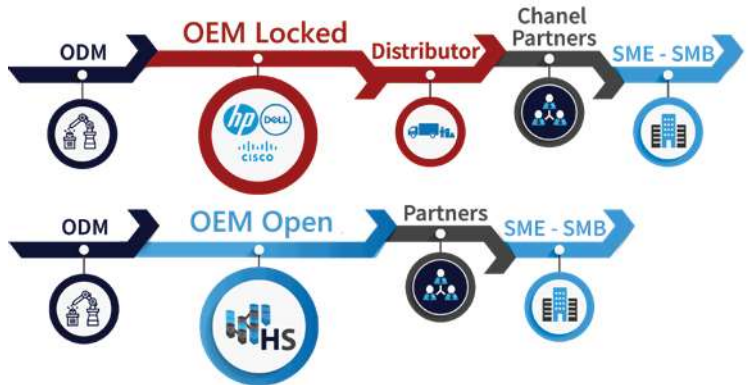
**On their table at home**  
Top 10 OEM including Apple HP Dell CISCO  
all use Quanta



	\$2,500	Server   Node Motherboard		\$2,600	
	\$1,850	CPU   6130 16 cores		\$2,659	
	\$240	DIMM   RAM RAM 32GB		\$700	
	\$844	SSD 3.8TB SATA		\$2,945	
	\$330	HDD 8TB SAS		\$1,024	
	\$240	NIC Dual 25G		\$950	
	Flexible	SUPPORT		Fixed	
	Open	Software Firmware		Locked	



How did proprietary lock-ins by so called 'trusted' Tier 1 OEM vendors become the norm?



A new **Efficient** Intel x86 Supply Chain



# Tier 1 Original Range

“ “ The Power of Hyper Convergence ” ”



“ “ Accelerate HPC VDI & AI ” ”



“ “ Fastest Storage Ever 12 x 840K IOPS per NVMe drive ” ”



“ “ World's Densest Storage Server ” ”



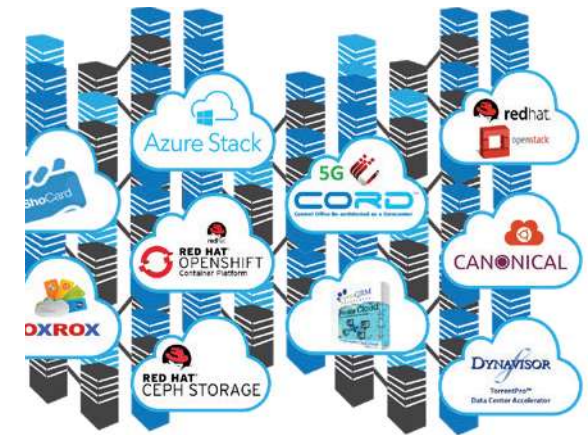
“ “ Ultimate Flexibility ” ”



# IP-Appliance Design Process



Hyperscalers has developed a **Digital-IP-Appliance Design Process** along with a utility, being the **Appliance Optimizer Utility**, which together, assist to productize IT-appliances for Digital-IP owners needing to hyperscale their services very quickly, reliably and at a fraction of traditional costs.



**Appliance Optimizer Utility AOU**

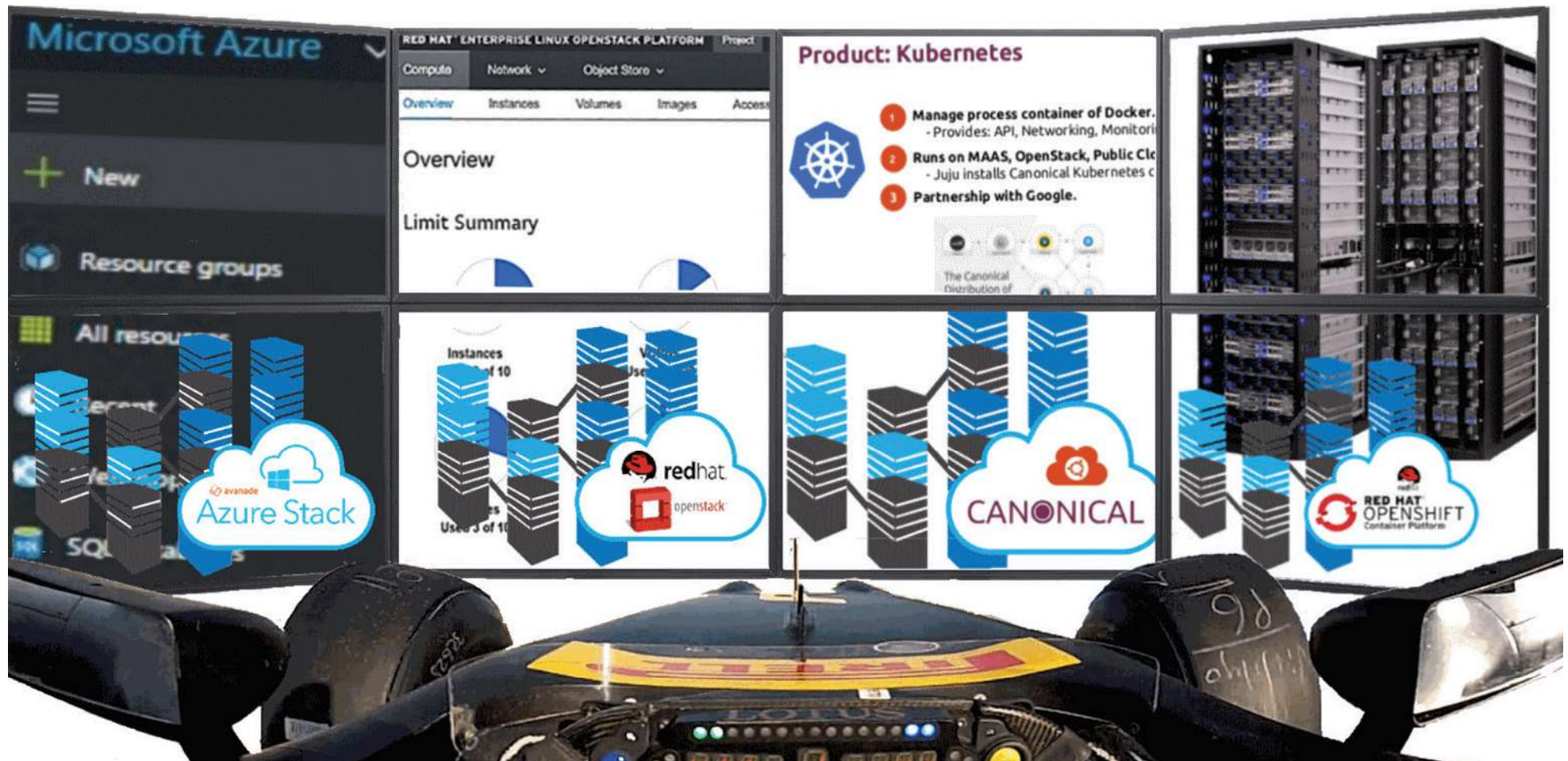


Automates the discovery of appliance-bottlenecks by pinging all layers in the appliance-stack. A live dashboard unifies all key performance characteristics to provide a head to head performance

assessment between all data-path layers in the appliance & between holistic appliances too.



# Test-Drive our Appliances with Lab as a Service LaaS



Prove which is right for your business



# Level 1-11 Manufacturing Process

Level 1 - QCI (ODM) – Manufacturing > Level 6 - HS (OEM) – Assembly > Level 10 - HS (OEM) – Assembly & Test > Level 11 - Software Preloading & Run-in

**2D AOI Solder Side**    **AI TH Component Placement**

**Pick & Place Solder Side**    **PCBA Routing**

**3DSPI Solder Side**    **In-line X-ray X-Ray Inspection**

**Solder Paste Printing Solder Side**    **L6 = Motherboard**

**Legend**  
 > L1-L6  
 > L6-L11 + Stock + LaaS + Service

**Factory Acceptance Testing**    **Run in**    **Packing**

**Material Picking**    **Turn to Stock**

Level 1 - QCI (ODM) – Manufacturing > Level 6 - HS (OEM) – Assembly > Level 10 - HS (OEM) – Assembly & Test > Level 11

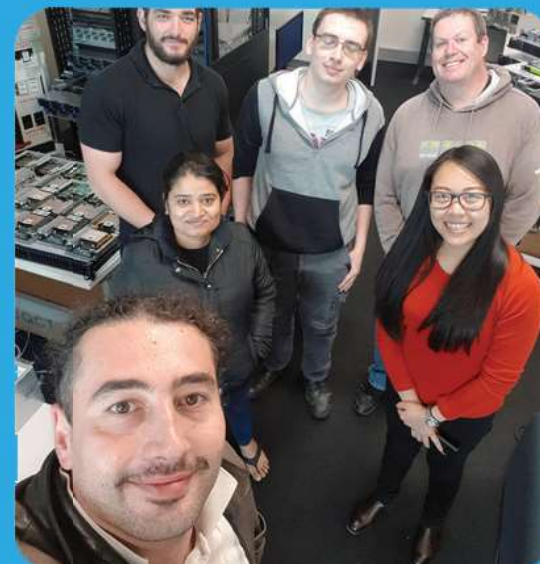
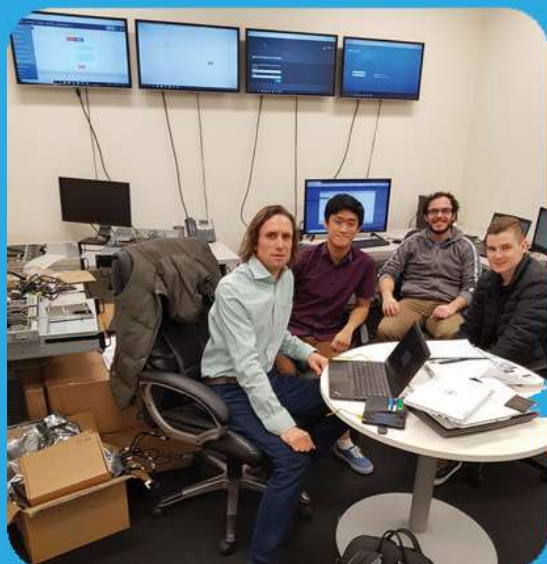
- **Level 1** – Material preparation. All the proprietary chips and materials gathered;
- **Level 2** – Soldering of chips & components (by QCI);
- **Level 3** – Component placing on motherboard (by QCI);
- **Level 4** – PCBA routing (by QCI)
- **Level 5** – In line X-Ray inspection (by QCI)
- **Level 6** – Testing of motherboard (by QCI)
- **Level 7** – Selection and assembly of CPU GPU and RAM (by Hyperscalers)
- **Level 8** – Selection of storage card and storage: HDD, SSD, NVMe SFF and NVMe PCIe (by Hyperscalers)
- **Level 9** – Selection of Network Interface Card: 10G 40G 25G 100G (by Hyperscalers)
- **Level 10** – Fully assembled and tested: Regression testing and thermal testing (by Hyperscalers)
- **Level 11** – Software preloading, Run in and factory acceptance testing FAT of OEM Appliance (by Hyperscalers)
- **Go to Market** with L11 OEM appliance





“ Become the solution  
your customers need ”

Join our partner program TODAY



US Stock



Full US  
Warranty



100% Channel  
Distributor



Metro Delivery  
1-4 Days

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