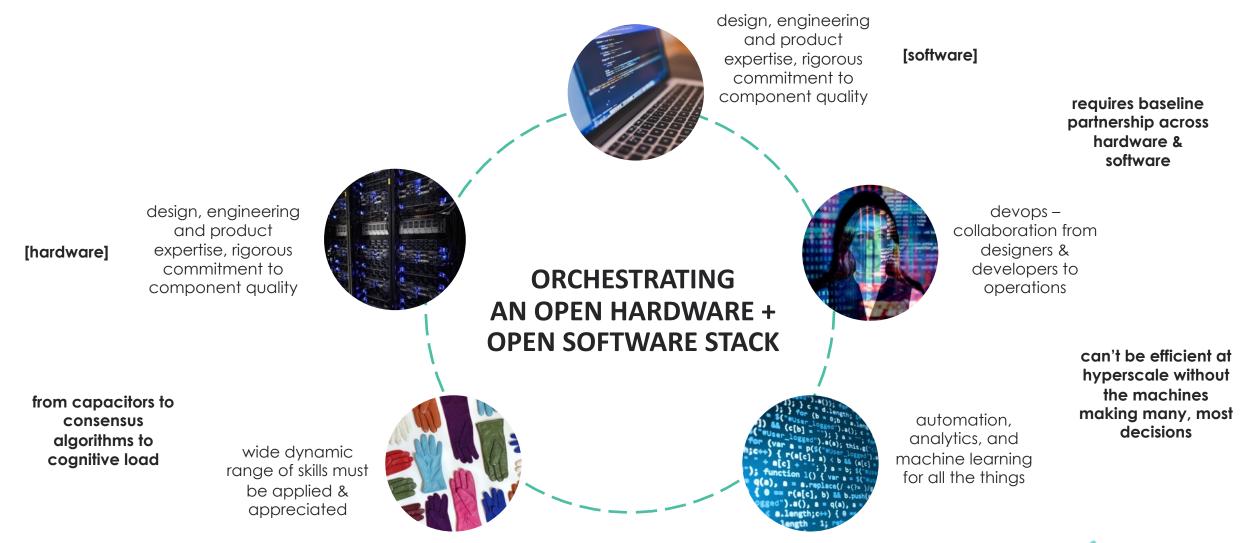
open

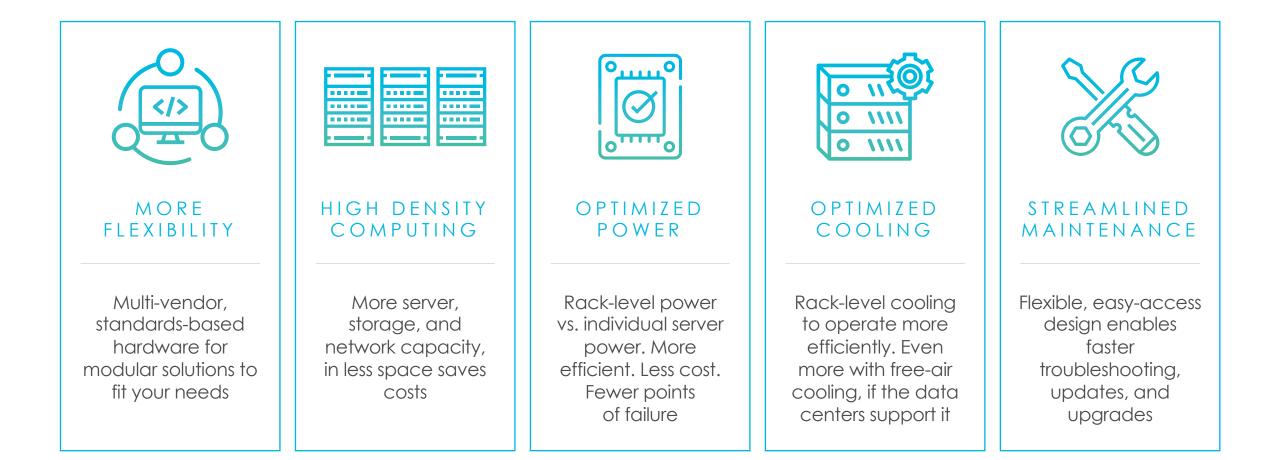


Photo by <mark>Robin Kumar Biswal</mark> from <u>Pexels</u>

Open Is Necessary, But Not Sufficient Per Se

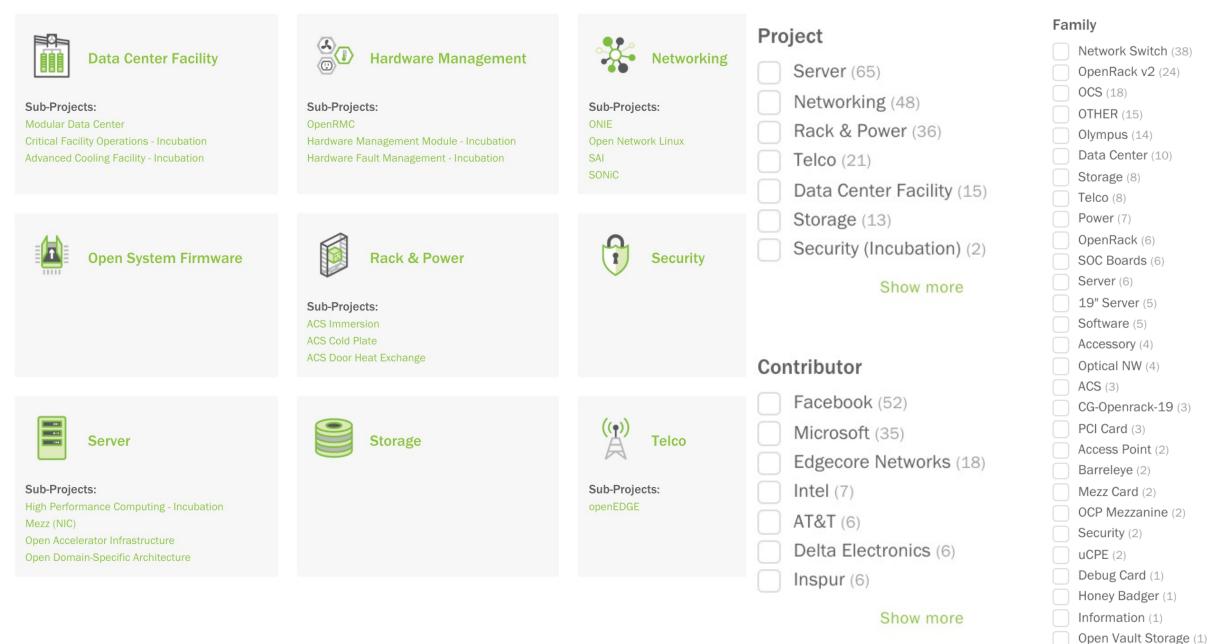


The Benefits of Open Hardware





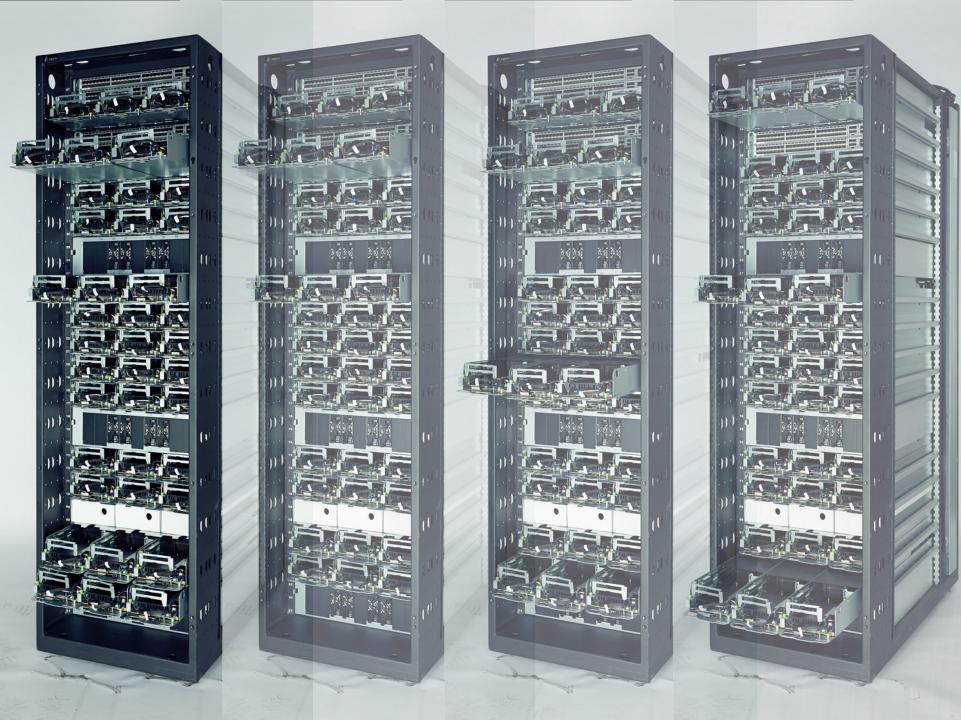




Platinum

2crSi (since 2018)	3M (since 2018)	Alibaba (since 2017)	Arista Networks (since 2019)	Inspur (since 2016)	Intel (since 2011)	ITRenew (since 2018)	Microsoft (since 2014)	
20101 (0106 2020)	UTIT (SHICE 2020)	Anouse (since 2017)	ALISTA HOLMOINS (SING 2013)	mspur (since 2010)		IT Reflew (since 2016)	MICIOSOR (SINCE 2014)	
Crsi	Science. Applied to Life. [™]	EL. Alibaba Group	ARISTA	inspur	(intel)	6 ITRENEW		
		Albaba Group					Microsoft	
ARM (since 2018)	Asperitas (since 2017)	ASUS (since 2019)	AT&T (since 2015)	MiTAC (since 2017)	Nokia (since 2015)	NVIDIA Networking – Mellanox (since 2012)	Quanta Cloud Technology (since 2012)	
arm			😂 AT&T	Mitac 🍩	NOKIA			
						NVIDIA.	Quanta CLOUD TECHNOLOGY	
Baidu (since 2019)	Cumulus Networks (since 2013)	Delta Electronics (since 2016)	Deutsche Telekom (since 2016)	Rackspace (since 2011)	Rittal (since 2017)	Schneider (since 2014)	Silicom (since 2018)	
	CUMULUS		Deutsche Telekom	rackspace	R ITTAL	Schneider Electric	Silicom	
Bai创百度	/-	A NELTA	Telekom	Тискэрисе.		G Electric	Connectivity Solutions	
Edgecore Networks (since 2016)	Facebook (since 2011)	Goldman Sachs (since 2011)	Google (since 2015)	STORDIS (since 2019)	Submer (since 2018)	Tencent (since 2018)	VeriSilicon (since 2020)	
Edge-corE [®]	_	Goldman	Google					
NETWORKS		Goldman Sachs	Obugie	The Open Networking Expert	submer	Tencent 腾讯	Veri Silicon	
HPE (since 2015)	Huawei (since 2018)	Hyve Solutions (since 2012)	IBM (since 2013)	Wiwynn (since 2014)	Yahoo! Japan (since 2017)			
_		** hvve			VAHOO		865333 867333 867333	K K K K
lewlett Packard Interprise	HUAWEI	solutions	IBM	wiwynn	YAHOO! JAPAN		→ ¥ 7 € 5	🔆 OPEI
							735 4444	Compute Projec
	Gol	b			Sil	ver	7 7 7 7	r computerrojec
ITOCHU Techno-Solutions Corporation (since 2014)	Samsung Electronics (since 2019)	Seagate (since 2017)	ZT Systems (since 2019)	Circle B (since 2016)	Cisco (since 2014)	Inventec (since 2014)	NVIDIA (since 2017)	
				CIRCLE B	սիսիս			
Challenging Tomorrow's Changes	SAMSUNG	SEAGATE	Systems	B CIRCLE B Revolutionary IT Infrastructures	CISCO	Inventec		





threads

- 180 nodes
- 5,760 physical cores
- 11,520 virtual cores

containers

- 180 nodes
- 90 TB (terabytes)
- memory
- 9,000 containers
- to 18,000

Discovery deskside chassis

deskside chassis 3 to 5 hyperscale nodes

compute node – dual 16-core, 512GB

storage node – to 6x 3.84TB NVMe flash

S

threads

- 5 nodes
- 160 physical cores
- 320 virtual cores

containers

- 5 nodes
- 2.5 TB (terabytes)
- memory
- 250 containers
- to 500





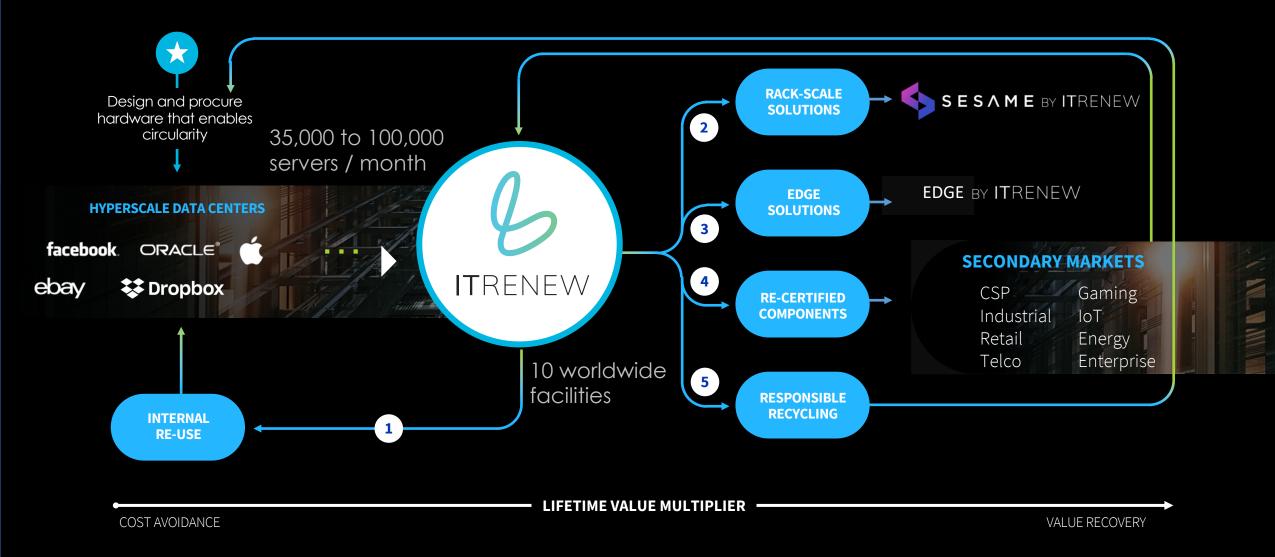




circular

Photo by <u>asim alnamat</u> from <u>Pexels</u>

Circular economy for data center hardware



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The circular IT hardware industry opportunity WHAT IF...

million



6.7

cars' annual emissions



SESAME BY ITRENEW

QUESTIONS