Enterprise-level

With standardized form-factor, full-custom ASIC chips, ease of deployment, scale and upgrade Bitfury Tardis is truly enterprise scale computing solution.

Easy to deploy

Designed to fit standard 19" server racks. Ready for instant and seamless integration into existing datacenter infrastructure.

Scalable

Prepared to operate in a datacenter. Proprietary software provides monitoring and troubleshooting tools, simplifying maintenance and maximizing uptime.

Upgradable

Built for the future. Just replace hashboards when new ASIC generation becomes available.

For more information please contact:
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+7 (924) 290-75-75

Bitfury Tardis

Enterprise Scale Server of up to 80 TH/s

Capitalizing on our own experience Bitfury Group designed and released updated & improved design of enterprise scale solution, available in multiple configurations.
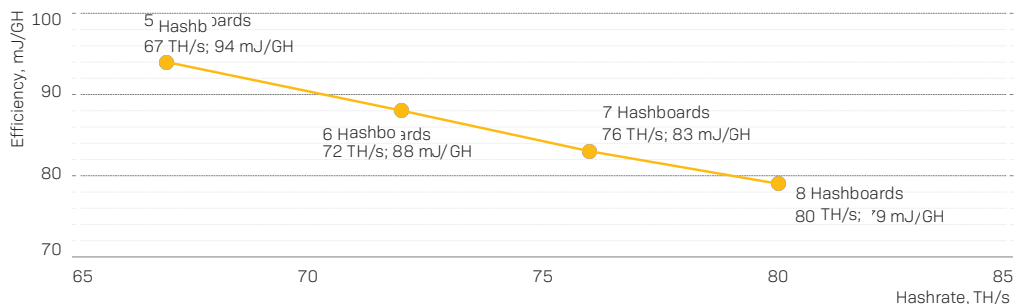
Bitfury Tardis may contain 5–8 heatsinked hashboards with 128 full custom latest Bitfury Clarke ASIC chips on each, allowing to move from maximum power efficiency to best price per TH.

Bitfury Tardis Performance

Performance tests are conducted at 25 °C ambient temperature. Higher ambient temperature may result in up to 10% performance reduction.

Overview of all Bitfury Tardis configurations is below:

Optimize OPEX expenses with the most energy efficient set-up or receive the highest hashrate performance per each CAPEX dollar spent.

Most power efficient mode (8 hashboards installed) is recommended for regions with high priced electricity.

5 hashboards configuration is recommended to achieve lowest $ per TH price in regions with cheap electricity or low-cost infrastructure areas.

Bitfury Tardis is flexible and available in few different configurations with variable hashboards quantity.

Performance & Efficiency & Weight

Hashboards installed	5	6	7	8
Power consumption	6.3 kW	6.3 kW	6.3 kW	6.3 kW
Hashrate	67 TH/s	72 TH/s	76 TH/s	80 TH/s
Efficiency	94 mJ/GH	88 mJ/GH	83 mJ/GH	79 mJ/GH
Weight	34 kgs	37 kgs	40 kgs	44 kgs

* Specifications are subject to change without notice

BITFURY

Technical Specifications

Part Number	Decription	Required qty per unit
B3751593-010	Hashboard (128 Bitfury Clarke ASICs)	from 5 to 8
B2401703-110	Server chassis (excluding hashboards and PSUs), Canada/North America	1
B2401703-210	Server chassis (excluding hashboards and PSUs), EU	1
B6968046-010	Eltek Flatpack2 48 V Rectifier	2

Features

- Built on latest Bitfury Clarke chips
- Upgradable design
- Proprietary Bitfury string power design
- Variable configurations for variable efficiency & performance (from 5 to 8 Bitfury Clarke hashboards)
- Proprietary Bitfury software running on Debian Linux Datacenter
- management software
- 0.96" LED screen

Dimensions

Form factor: Rack (6U)

H × W × D: 10.39" × 19" × 23.27" (264 × 483 × 591 mm)

Environmental Requirements

AC power: 85–305 VAC, 200–277 VAC (nominal), 45–66 Hz

- **European Union:** Two IEC C20 inputs (2 × 16.5 A max)
- **North America:** 0.98 m power cable with L7-30 plug (33 A max)

Networking: Ethernet 100BASE-TX, IEEE 802.3u

Operating temperature: −20 °C to 40 °C

Operating humidity: 5–95% (non-condensing)

Free air flow: 1500 CFM

Pressure drop (between air intake and outtake): no more than 80 Pa

Note: *avoid dust and debris environments, which can cause a hardware damage from overheating; to prevent corrosion, avoid touching contacts on boards and cards and protect this equipment from moist and salty environments.*

* Specifications are subject to change without notice