

# HP Moonshot Starter System

Grow when you need. Pay as you grow.



## What is HP Moonshot?

### Designed for the data center, built for the planet

The HP Moonshot System is like nothing else that exists today. It's a huge leap forward in infrastructure design—addressing the speed, scale, and specialization needed for the New Style of IT.

Designed and tailored for specific workloads, HP Moonshot is the first to deliver a compute platform that uses up to 89 percent less energy, up to 94 percent less space, reduces cost by up to 63 percent, and reduces complexity by over 97 percent, as compared to traditional servers.<sup>1</sup>

### The world's first software-defined server

The growth of social media, mobile computing, e-commerce, and Big Data is actually being restricted by the very thing that is supposed to enable it—IT infrastructure. HP Moonshot System addresses this problem by delivering maximum density with unparalleled power efficiency—requiring less energy, space, and cost than traditional servers. The key is the way HP Moonshot Server Cartridges deliver workload specialization—efficiently and easily aligning just the right amount of compute, memory, and storage delivered at scale. With HP Moonshot, you get much more for less.

<sup>1</sup> HP Internal Testing, December 2013

## Why choose an HP Moonshot Starter System?

A fully populated HP Moonshot System holds up to 45 Moonshot Server Cartridges in a 4.3U HP Moonshot 1500 chassis. You now have the flexibility to order HP Moonshot in increments of 15 server cartridges with the HP Moonshot Starter System and add-on HP Moonshot Server Multipacks.

Offered at a lower entry cost than a fully loaded HP Moonshot System, the HP Moonshot Starter System is a complete, pre-configured system-in-a-box designed to scale by adding more Moonshot Server Multipacks. These solutions enable you to test the waters with HP's latest cutting-edge technology, and then move forward incrementally.

- Deploy with confidence; Moonshot Starter Systems are pre-configured with 15 server cartridges, uplink and switch modules, and power supplies
- Grow as you need, when you need, with Moonshot Server Multipacks (15 server cartridge packs)
- Order a Starter System with HP ProLiant Moonshot Server Cartridges, HP ProLiant m300 Server Cartridges, or HP ProLiant m700 Server Cartridges

### Buy it, try it, extend it

Purchase an HP Moonshot Starter System and try it on for size. Once you see how much energy, space, and money you can save using low-cost, density-optimized Moonshot servers, you'll be ready to grow when you need, add HP Moonshot Server Multipacks, and pay as you grow.



## HP Moonshot Starter Systems at a glance

	HP Moonshot 1500 S1260x15 Starter System	HP Moonshot 1500 m300x15 Starter System	HP Moonshot 1500 m700x15 Starter System
<b>Chassis</b>	One HP Moonshot 1500 Chassis <b>Note:</b> The chassis includes five dual-rotor fans and one HP Moonshot 1500 Chassis Management Module as standard.	One HP Moonshot 1500 Chassis <b>Note:</b> The chassis includes five dual-rotor fans and one HP Moonshot 1500 Chassis Management Module as standard.	One HP Moonshot 1500 Chassis <b>Note:</b> The chassis includes five dual-rotor fans and one HP Moonshot 1500 Chassis Management Module as standard.
<b>Cartridges</b>	15 HP ProLiant Moonshot Server Cartridges <b>Note:</b> 30 cartridge blanks are delivered with the system. Additional cartridge multipacks must be purchased separately (Part Number 75885-B21).	15 HP ProLiant m300 Server Cartridges <b>Note:</b> 30 cartridge blanks are delivered with the system. Additional cartridge multipacks must be purchased separately (Part Number 751780-B21).	15 HP ProLiant m700 Server Cartridges <b>Note:</b> 30 cartridge blanks are delivered with the system. Additional cartridge multipacks must be purchased separately (Part Number 751783-B21).
<b>Storage</b>	One 500 GB 6G SATA 7.2k 2.5-inch HDD per cartridge	One 500 GB 6G SATA 7.2k 2.5-inch HDD per cartridge	One 4 x 32 GB iSSD Mezzanine per cartridge
<b>Switch</b>	One HP Moonshot 45G Switch Module	One HP Moonshot 45G Switch Module	One HP Moonshot 180G Switch Module
<b>Uplink</b>	One HP Moonshot 6SFP Uplink Module	One HP Moonshot 6SFP Uplink Module	One HP Moonshot-4QSFP+ Uplink Module
<b>Power supply</b>	Two HP 1200 W Common Slot Platinum Plus Power Supplies	Three HP 1500 W Common Slot Platinum Plus Power Supplies	Three HP 1500 W Common Slot Platinum Plus Power Supplies
<b>Form factor</b>	4.3 RU <b>Note:</b> 0.66U Spacer Blank Kit included for data center airflow management purposes <b>Note:</b> The HP 4.3U Rail Kit is included to properly install the chassis into a rack.	4.3 RU <b>Note:</b> 0.66U Spacer Blank Kit included for data center airflow management purposes <b>Note:</b> The HP 4.3U Rail Kit is included to properly install the chassis into a rack.	4.3 RU <b>Note:</b> 0.66U Spacer Blank Kit included for data center airflow management purposes <b>Note:</b> The HP 4.3U Rail Kit is included to properly install the chassis into a rack.
<b>Warranty</b>	Chassis warranty includes one-year parts, one-year labor, one-year onsite support with next business day response. Cartridge warranty includes one-year parts, no labor, and no onsite support.	Chassis warranty includes one-year parts, one-year labor, one-year onsite support with next business day response. Cartridge warranty includes one-year parts, no labor, and no onsite support.	Chassis warranty includes one-year parts, one-year labor, one-year onsite support with next business day response. Cartridge warranty includes one-year parts, no labor, and no onsite support.
<b>Upgrade kits</b>	HP ProLiant Moonshot x15 1P S1260 CPU 500 GB Server Multipack (758855-B21) • 15 HP ProLiant Moonshot Server Cartridges	HP ProLiant m300 x15 Configure-to-Order Server Multipack (751780-B21) • 15 HP ProLiant m300 Server Cartridges	HP ProLiant m700 x15 Configure to Order Server Multipack (751783-B21) • 15 HP ProLiant m700 Server Cartridges

Customize your IT lifecycle management, from acquisition of new IT, management of existing assets, and removal of unneeded equipment.

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