

OMEN Modular 240mm LCD Liquid Cooler - Black

Cooling that wins the game

Upgrade your PC's liquid cooling performance with the OMEN Modular 240 mm LCD Liquid Cooler, compatible with major processors and featuring Asetek's 7th Gen pump for advanced cooling. Customize the built-in 2.1" IPS LCD pump cap and fans with aRGB Gen 2 lighting effects with OGH. Plus, connect up to 16 fans using the OMEN Modular Fan Hub minimizing cable clutter.



*Product image may differ from actual product



Customizable Style

Express your style with a built-in 2.1" IPS LCD pump cap and fans with aRGB Gen 2 lighting for vibrant visuals and effects through OGH. Plus, the cap features built-in release buttons for easy installation.



Cooling that delivers

Achieve powerful cooling with 28 mm thick fans generating 74 CFM airflow and 3.2 mm H2O static pressure, paired with Asetek's 7th Gen pump and a high density aluminum radiator boosting thermal performance.



Eliminate cable clutter

Minimize cabling with the OMEN Modular Daisy Chain System. Connect up to 10 fans per daisy chain and 16 fans per OMEN Modular Hub.

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Featuring

Eliminate cable clutter

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Asetek's Leak-Proof Pump

Asetek's leak-proof pump is designed for maximum reliability and safety.

Asetek's 7th Gen Pump up to 2800 RPM

Feel the power of advanced cooling with Asetek's 7th Gen Pump, reaching up to 2800 RPM for increased flow rate and performance with low impedance.

Airflow that wins rounds

The 28 mm thick fan produces high airflow at 74 CFM while the annular ring boosts static pressure to 3.1 mm H₂O and minimizes blade tip vibrations for low noise levels. Built in ARGB lighting customizable via OMEN Gaming Hub software.

Aluminum Single-Wave Radiator

Say goodbye to airflow constraints with the Aluminum single-wave radiator which minimizes airflow resistance while boosting thermal performance to dissipate heat.

2.1" TFT LCD Display

Express your style with a built in customizable 2.1" TFT LCD display, enhancing your PC build with personalized vibrant visuals at 650 nits of brightness with a resolution of 480 x 480.

aRGB Gen 2 Lighting on all sides of the fan

Customize your fans with aRGB Gen 2 lighting. 10 individually-addressable LEDs enable smooth color gradients and animated lighting effects customizable through OMEN Gaming Hub Software.

OMEN Gaming Hub

OMEN Gaming Hub is your one place for everything to make your gaming experience better. From software enhancements to detailed hardware controls, and live services, OMEN Gaming Hub elevates play in easy and simple way.

Pre applied thermal paste

Pre applied thermal paste simplifies the installation process by eliminating one critical step for the user. We have applied the correct amount of thermal paste needed for optimal thermal transfer from the CPU to the cooling plate.

5-Years Warranty

Rest easy - your purchase is covered with our 5-year warranty, offering you unmatched support and reliability.



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Specifications



Product number	A4RP7AA
Pump	Asetek Gen7 Solution
Pump speed	Up to 2800 RPM
Pump cap type	5.33 cm (2.1") diagonal, IPS LCD display, 480 x 480 pixels, up to 650 nits, 24-bit color depth, 30 fps
Fan speed range	0 - 2400 RPM±10% (PWM controlled)
Fan airflow (max)	74 CFM
Static pressure	3.2 mmH2O
Fan noise	32 dBA @ 2400 RPM; 7 dBA @ 500 RPM; 0 dB @ zero RPM fan mode
Fan bearing	Fluid Dynamic Bearing (FDB)
Lighting	10 LEDs aRGB, 6-sided viewing
Compatible processor socket	Intel LGA 115X, 1200, 1700, 1851; AMD AM4, AM5
Tube	EPDM rubber
Tube length	400 mm
Connector description	OMEN Modular Daisy Chain (up to 16 fans per hub; 10 fans per channel)
Power consumption	12V 0.4A DC
Product color	Black
Management software	OMEN Gaming Hub
Warranty	HP five-year limited warranty ¹
What's in the box	1 x 240mm Radiator with LCD Pump cap Liquid Cooler; 2 x OMEN Modular 120mm Fan; 1 x OMEN Modular Hub with PCIe power cable; 1 x Fan to Hub Bridge cable; 1 x USB Type-C® cable; 2 x Mounting tape; 1 x Connecting rod (pre-installed); 1 x Intel Retention bracket (pre-installed); Intel backplate; 4 x Intel socket standoff 1200/115X with thumbnuts; 4 x Intel socket standoff 1700/1851; ADM retention bracket; 4 x AMD standoff and dual sided sleeve; 8 x Fan screws, fan washers and radiator screws; Installation guide
Country of origin	Made in China
Dimensions (W x D x H)	120 x 120 x 28 mm (fan, 2 pcs.); 273 x 120 x 27 mm (radiator); 69 x 69 x 47 mm (pump block)
Weight	1353 g
Package dimensions (W x D x H)	498 x 154 x 161.5 mm
Package weight	2113 g



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Footnotes

Messaging Footnotes

Technical Specifications Footnotes

¹ HP includes a five-year limited warranty with online support available 24x7. Consult the HP Customer Support Center for details, or go to www.hp.com/go/orderdocuments. Internet access required and not included.

