

# OMEN 1000W Power Supply - ATX 3.1 Fully Modular 80 Plus Gold

# Play with power

Upgrade your performance with the OMEN 1000W PSU. This ATX 3.1 power supply supports 12V-2 × 6 and 12VHPWR connectors with up to 600W of power. With Zero RPM mode, the fan shuts off during low heat loads, ensuring silent power delivery. Equip your PC with stable, consistent power to perform at your best.



\*Product image may differ from actual product



## Boost your performance

Packed with 1000W, this ATX 3.1 PSU delivers efficient, dependable power, keeping your PC running smoothly so you can perform at your best.



## Clear the cables

Eliminate cable clutter with modular connections and a PCIe 5.1 cable providing up to 600W of power for the latest graphics cards with 12VHPWR and 12V-2 × 6 ports.



## Reliable, efficient power

Enjoy reliable performance from 105°C  
Japanese capacitors and stable, energy-  
efficient power with Cybenetics Platinum  
and 80 PLUS Gold certification.

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## Featuring

### 1000W Modular ATX 3.1 PSU

Power your PC with a 1000W ATX 3.1 PSU that delivers efficient, dependable power, ensuring your system runs smoothly and reliably during gaming sessions.

### Modular connections with 12V-2 × 6 support

Eliminate cable clutter in your build with modular connections and a PCIe 5.1 cable providing up to 600W of power for the latest graphics cards with 12VHPWR and 12V-2 × 6 ports.

### Quiet and cool

135 mm fan with a fluid dynamic bearing quietly cools the PSU. Zero RPM Mode shuts off the fan under low heat loads for silent power delivery.

### Quality and reliability

Japanese capacitors rated up to 105°C and a fluid dynamic fan bearing enable quiet operation with excellent reliability (>100,000 hours).

### 80 PLUS Gold certification

Stable and energy-efficient power delivery with 80 PLUS Gold certification.

### 10-year warranty

Protected with a 10-year warranty and dedicated customer support.

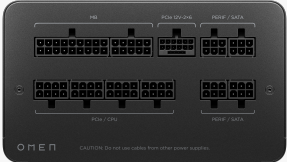
### Robust safety features

Stay safe and protect your PC with built-in safety protocols for power and temperature regulation: Over Voltage Protection (OVP), Under Voltage Protection (UVP), Overpower Protection (OPP), Over Temperature Protection (OTP), Short Circuit Protection (SCP).



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## Specifications



|                                   |                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product number                    | A4WK3AA                                                                                                                                                                                                                                                                                                                                                               |
| UPC number                        | 198990325552                                                                                                                                                                                                                                                                                                                                                          |
| Power supply type                 | 1000 W 80 Plus Gold certified ATX 3.1 fully modular power supply                                                                                                                                                                                                                                                                                                      |
| Fan size                          | 135 mm                                                                                                                                                                                                                                                                                                                                                                |
| Fan speed range                   | 0 - 1100 RPM±10% @ 25°C                                                                                                                                                                                                                                                                                                                                               |
| Fan noise                         | 0 dB @ zero RPM fan mode; <28 dBA @ maximum load                                                                                                                                                                                                                                                                                                                      |
| Fan bearing                       | Fluid Dynamic Bearing (FDB)                                                                                                                                                                                                                                                                                                                                           |
| Operating life                    | 100,000 MTBF hours @ 30°C                                                                                                                                                                                                                                                                                                                                             |
| Connector description             | 2 EPS connectors; 1 ATX connector; 6 SATA connectors; 4 PATA connectors; 2 PCIe connectors                                                                                                                                                                                                                                                                            |
| Input voltage                     | 100 - 240 V AC, 50/60 Hz, 12A - 6A; +3.3V DC/20A; +5V DC/20A; +12V DC/82A; +5V SB/3A                                                                                                                                                                                                                                                                                  |
| Power output maximum              | +3.3V/+5V, combined shall not exceed 150 W, total 1000 W                                                                                                                                                                                                                                                                                                              |
| Special features                  | Japanese capacitors 105°C; Modern standby                                                                                                                                                                                                                                                                                                                             |
| Product color                     | Black                                                                                                                                                                                                                                                                                                                                                                 |
| Warranty                          | HP ten-year limited warranty <sup>1</sup>                                                                                                                                                                                                                                                                                                                             |
| Safety approvals and requirements | OVP (Overvoltage Protection); UVP (Undervoltage Protection); SCP (Short Circuit Protection); OTP (Over Temperature Protection); OPP (Overpower Protection); OCP (Overcurrent Protection)                                                                                                                                                                              |
| Certifications and compliances    | Cybenetics Platinum efficiency certified; Cybenetics A+ noise certified                                                                                                                                                                                                                                                                                               |
| What's in the box                 | OMEN 1000W Power Supply - ATX 3.1 Fully Modular 80 Plus Gold; Power cable; Cable bag; 4 x screws; 9 x Cable ties; 2 x EPS/ATX12V cable 8-pin (4 + 4); 2 x PCIe cable 8-pin (6 + 2); 1 x 12V-6x2 cable; 1 x SATA cable (4 right); 2 x SATA cable (3 right); 1 x ATX cable 24-pin; 1 x PATA cable (3 right and 1 straight); HP Installation Guide (QR code for YouTube) |
| Country of origin                 | Made in China                                                                                                                                                                                                                                                                                                                                                         |
| Dimensions (W x D x H)            | 150 x 160 x 86 mm                                                                                                                                                                                                                                                                                                                                                     |
| Weight                            | 2.53 kg                                                                                                                                                                                                                                                                                                                                                               |
| Package dimensions (W x D x H)    | 320 x 195 x 125 mm                                                                                                                                                                                                                                                                                                                                                    |
| Package weight                    | 2.8 kg                                                                                                                                                                                                                                                                                                                                                                |



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## Footnotes

### Messaging Footnotes

### Technical Specifications Footnotes

<sup>1</sup> HP includes a ten-year limited warranty with online support available 24x7. Consult the HP Customer Support Center for details, or go to [www.hp.com/go/orderdocuments](http://www.hp.com/go/orderdocuments). Internet access required and not included.

