

# BAPC0420R2UP001 AVC 12VDC 0.6A RTX A2000 Blower Fan Datasheet



**Brand:** AVC

**SKU:** [1011433369581](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$8.99**

---

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

**Web:** <https://www.equipspares.com>

---

Product Page:

<https://www.equipspares.com/product/bapc0420r2up001-avc-12vdc-0-6a-rtx-a2000-blower-fan>

---

## Product Description

---

The AVC BAPC0420R2UP001 is a precision-engineered centrifugal blower fan designed specifically for high-density thermal management in workstation graphics hardware. Utilizing a robust Dual Ball Bearing architecture, this unit ensures minimized friction and extended operational lifespan under continuous thermal loads. The 12VDC motor integrates a 4-wire PWM interface, allowing for dynamic speed modulation to balance thermal impedance with acoustic performance. Its aerodynamic housing is optimized for directed airflow, maintaining structural rigidity and efficient heat dissipation within the confined envelopes of the NVIDIA RTX A2000 series and similar compact computing environments.

Model Number: BAPC0420R2UP001

Brand: AVC (Asia Vital Components)

Product Type: Centrifugal Blower / Graphics Card Fan

Application: NVIDIA RTX A2000 Workstation GPU

Rated Voltage: 12VDC

Rated Current: 0.60 A

Bearing Type: Dual Ball Bearing

Termination: 4-Wire Interface

Control Signal: PWM (Pulse Width Modulation)

Cooling Configuration: Active Air Cooling

Mounting Style: GPU Shroud Integration

Housing Material: Thermoplastic (UL94V-0)

Compliance: RoHS

This cooling solution is explicitly engineered for the NVIDIA RTX A2000 workstation graphics card, ensuring optimal operating temperatures during rendering and computational tasks. The BAPC0420R2UP001 fits seamlessly into the GPU shroud, restoring factory thermal performance in professional design workstations and compact server racks. By replacing a failing unit with the BAPC0420R2UP001, operators safeguard critical video processing hardware against thermal throttling and component degradation in 24/7 operational settings.

## Supplemental Images

---

