

DFS5L22H05885J FCN 5VDC 0.8A ASUS ROG GU605 Blower Datasheet



Brand: FCN

SKU: [847666347296](#)

Category: Axial & Centrifugal Fans

Price: **\$30.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/dfs5l22h05885j-fcn-5vdc-0-8a-asus-rog-gu605-blower>

Product Description

FCN DFS5L22H05885J is a 5VDC custom centrifugal blower optimized for overcoming high thermal impedance in ultra-thin gaming laptop chassis. Engineered specifically for the ASUS ROG Zephyrus G16 (GU605 / GU605MI) series, this replacement fan utilizes an advanced DC brushless motor drawing 0.8A to deliver rapid heat dissipation under heavy computational loads. The aerodynamic design features high-density impeller blades that maximize static pressure within constrained environments, ensuring structural rigidity and minimal acoustic resonance. By integrating a low-friction bearing architecture, the blower maintains stable RPMs and extends the operational lifespan of critical CPU and GPU components, making it an essential thermal management solution for high-density mobile workstations.

Model Number: DFS5L22H05885J

Brand: FCN

Product Type: Centrifugal Blower

Rated Voltage: 5VDC

Voltage Range: 4.5 to 5.5VDC

Rated Current: 0.8A

Power: 4.0W

Rated Speed: Variable (PWM Controlled)

Bearing Type: Fluid Dynamic Bearing

Max. Air Flow: N/A (Application Specific)

Max. Static Pressure: N/A (Application Specific)

Dimensions: Custom (ASUS ROG GU605 Form Factor)

Weight: N/A

Life Expectancy: 50000 Hours

Speed Control: PWM

Termination: 4-Wire Lead with Micro Connector

Housing Material: High-Temperature Polymer (UL94V-0)

Blade Material: Liquid Crystal Polymer (LCP)

Operating Temperature: -10°C to +70°C

Application Compatibility: ASUS ROG Zephyrus G16 GU605, GU605MI

DFS5L22H05885J Applications

1. Ultra-Thin Gaming Laptops: Overcomes high system impedance in ASUS ROG GU605 chassis by utilizing a high-blade-count impeller to force concentrated airflow across dense copper fin arrays.
2. Mobile Workstation Thermal Repair: Serves as an exact-fit replacement fan for GU605MI models, restoring original factory thermal dissipation metrics and preventing CPU/GPU thermal throttling during sustained rendering tasks.
3. Compact Electronics Enclosures: Provides targeted lateral airflow in severely space-constrained environments where traditional axial fans cannot generate sufficient static pressure.

Supplemental Images

