

Biaze USB3.2 High-Speed Hub Product Specification

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1. Product Overview

The Biaze USB3.2 High-Speed Hub (Model: HUB7) is designed to provide users with high-speed, stable, and reliable USB port expansion. It adopts the USB 3.2 Gen1 standard and features four independent USB-A output ports. It is suitable for personal computing, mobile office, multimedia data transfer, and more, meeting the needs of modern users requiring multiple device connections and high data throughput.

2. Technical Specifications

Item	Specification
Model	HUB7
Interface Standard	USB 3.2 Gen1 (Backward compatible with USB 2.0/1.1)
Data Transfer Rate	Up to 5 Gbps (theoretical)
Output Ports	4 × USB-A Female
Input Port	1 × USB-A Male (to host device)
Supported Systems	Windows / macOS / Linux / Chrome OS / Android (OTG required)
Power Supply	Type-C 5V
Product length	30cm
Housing Material	High-density ABS engineering plastic
Cable Material	Thickened PVC jacket with independent shielding cores
Product Dimensions (Body)	Approx. 34mm × 106mm × 20mm
Net Weight	Approx. 45g (varies by cable length)
Operating Temperature	0°C – 40°C

3. Key Features

3.1 High-Speed Data Transfer

Equipped with a USB 3.2 Gen1 controller supporting up to 5Gbps bandwidth, enabling efficient transfer of large files such as videos and design documents.

3.2 Stable Multi-Device Connectivity

Built-in over-current protection and voltage regulation ensure stable performance when multiple peripherals such as keyboards, mice, USB drives, external hard drives, and printers are connected simultaneously.

3.3 Broad Device Compatibility

Compatible with USB drives, external hard drives (up to 12TB), keyboards, mice, cameras, drawing tablets, printers, optical drives, and more.

3.4 OTG Expansion Capability

Supports Android phones or tablets with OTG functionality, enabling direct access to USB drives or external hard drives, as well as keyboard and mouse input.

3.5 Durable Construction

The hub body uses wear-resistant ABS material, and the cable adopts reinforced anti-bending construction to extend product lifespan.

3.6 Wide Application Scenarios

Suitable for desktop office, home use, and for extending USB data ports in vehicles that support data transmission (compatibility should be confirmed in advance).