

ICS 33.060  
CCS M30

**YD**

**INDUSTRY STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**YD/T 6965-2026**

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**5G network performance requirements to support high-level  
autonomous driving**

支持高级别自动驾驶的5G网络性能需求

**(English Translation)**

**Issued on: June 1, 2026**

**Implemented on: September 1, 2026**

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**Issued by: Ministry of Industry and Information Technology**

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### Foreword

YD/T 6965-2026 is a recommended industry standard of the People's Republic of China in the Telecom sector, approved and issued by the Ministry of Industry and Information Technology on 1 June 2026, with effect from 1 September 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.060; CCS M30.

### 1 Scope

YD/T 6965-2026 specifies the system network architecture, the service scenarios and the performance requirements of a 5G network that supports high-level autonomous driving. It describes what the network has to deliver for such services rather than how a particular product is built.

The document applies to the research and development of 5G products and to the planning and design of 5G networks that support high-level autonomous driving. Equipment vendors, mobile operators, network design institutes and autonomous driving service providers can use it as a common reference for the performance the network must meet. It is a voluntary standard of the communications industry. The Ministry of Industry and Information Technology issued it on 1 June 2026, and it takes effect on 1 September 2026. It is a new standard.