

ICS 33.040.40
CCS L78

YD

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

YD/T 7003-2026

**Technical requirements for terminal-network coordinated
congestion control of RoCE switches in intelligent computing
centers**

智能计算中心RoCE交换机端网协同拥塞控制技术要求
(English Translation)

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Foreword

YD/T 7003-2026 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 33.040.40; CCS L78.

1 Scope

YD/T 7003-2026 specifies the technical requirements for the congestion control function of switches that support the RoCEv2 protocol in intelligent computing centers. Congestion control keeps traffic moving when many devices send data at once, and it matters in the networks that link servers used for large computing tasks. The document applies to the research and development, production and procurement of RoCEv2-capable switches for intelligent computing centers.

Switch manufacturers use it when they design and build such products, and buyers at computing centers and operators can refer to it when they select equipment. Test teams may use it to check congestion control behaviour. The standard is voluntary, as the /T in its code shows. 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.