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【61】Ion traps: from lab to industry

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Building on top of more than 20 years of research and development at the University of Innsbruck and the Austrian Academy of Sciences, the startup AQT has realized the first 19" rack-based ion-trap quantum computer. The system has demonstrated control of up to 50 ions, is offering fault-tolerant gate performance and cloud-access. The realized stand-alone solutions, in particular the high-performance ion trap, are available to support your various research applications ranging from metrology via quantum communication to simulation and quantum computation.

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