

India 5G Base Station Management Office





Overview

Which state has the most 5G base stations in India?

According to official data, Uttar Pradesh leads in 5G expansion, with 8,451 villages equipped with base stations. It is followed by Maharashtra (6,910 villages), Rajasthan (5,393 villages), Bihar (4,601 villages), and West Bengal (4,521 villages), highlighting strong regional adoption.

Does India have 5G?

The Indian government has reckons 5G coverage now extends to all states and 99.6 percent of districts nationwide. India had 469,000 5G base stations at the end of February, according to the latest available figures from the country's Ministry of Communications.

Which state is leading in 5G expansion?

The government noted that further network expansion will depend on the techno-commercial considerations of telecom companies. According to official data, Uttar Pradesh leads in 5G expansion, with 8,451 villages equipped with base stations.

How big is India's 5G subscriber base?

According to Finnish telecom equipment provider Nokia, India's 5G subscriber base is projected to rise from 290 million (29 crores) in 2024 to 770 million (77 crores) by 2028, driven by the growing penetration of 5G-enabled smartphones and continued expansion of high-speed broadband networks.

How many mobile subscribers in India have adopted 5G services?

New Delhi: Nearly 25 crore (250 million) mobile subscribers in India have adopted 5G services since the launch of next-generation networks in October 2022, according to data from the Ministry of Communications. The rapid uptake of 5G underscores the increasing demand for high-speed connectivity and expanding digital infrastructure nationwide.



How many 5G base stations are there in 2025?

The rapid uptake of 5G underscores the increasing demand for high-speed connectivity and expanding digital infrastructure nationwide. The ministry revealed that 4.69 lakh (469,000) 5G base stations have been deployed nationwide as of 28 February 2025, to support the growing subscriber base.



India 5G Base Station Management Office



[Press Release:Press Information Bureau](#)

Fastest 5G rollout in the world covering more than 99% districts by installing 4.62 lakh 5G Base Transceiver Stations (BTS) 4G Saturation Project approved to provide 4G ...

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5G Base Station Chips: Driving Future Connectivity by 2025

The evolution of wireless technology has brought the world to the brink of a connectivity revolution. As 5G networks become the backbone of modern communication, 5G ...

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[A guide to 5G small cells and macrocells](#)

These 5G nodes offer many of the same capabilities of traditional base stations. It's about the size of a pizza box and enables mmWave frequencies with high-speed ...

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How are the thermal issues with 5G radios being ...

All options are deployed when dealing with 5G radio thermal issues in base stations and handsets. Depending on the circumstance, ...



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India is most advanced country in telecom, has built 2 lakh base

India has set up 2 lakh base stations for 5G services within eight months of the launch of the service. Mittal said that even in remote areas people see mobile phones, radio ...

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India Crosses 250 Million 5G Users as Network Expansion ...

According to official data, Uttar Pradesh leads in 5G expansion, with 8,451 villages equipped with base stations. It is followed by Maharashtra (6,910 villages), Rajasthan (5,393 ...

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5G Base Station Market Size to Surpass USD 832.42 ...

The global 5G base station market size is accounted to hit around USD 832.42 billion by 2034 increasing from USD 44.86 billion in 2024.

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EXPANSION OF 5G NETWORK IN THE COUNTRY

As on 28.02.2025, 4.69 lakhs 5G Base Transceiver Stations (BTSs) have been installed by the Telecom Service Providers (TSPs) across the country which is one of the ...

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Best 5G Network in India for Speed, Coverage, and AI Impact: ...

Choosing the best network in India for 5G is critical as India's 5G ecosystem surges, with 270 million subscribers and 469,000 base stations by April 2025. From streaming 4K ...

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Indian operators expand 5G to 469k base stations, 250m subscribers

The Indian government has reckons 5G coverage now extends to all states and 99.6 percent of districts nationwide. India had 469,000 5G base stations at the end of ...

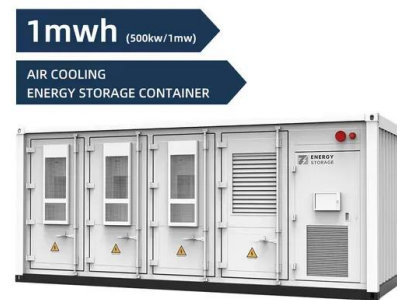
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Base Stations

Construction of Base Station Why are Base Stations so Important? Base stations are important in the cellular communication as it facilitate ...

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A Journey for EMF

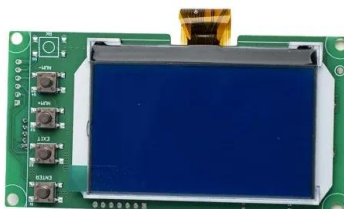
The portal has the complete collated technical details of all base transceiver stations (BTSs) spread across the country of all technologies (2G, 3G, 4G etc.) and of all Telecom Service ...

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1500+ 5G Base Transceiver Stations Installed in August 2024

India's 5G infrastructure saw a notable boost in August 2024, with the deployment of 1,739 new 5G Base Transceiver Stations (BTS), according to the Department of ...

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India is most advanced country in telecom, has built 2 ...

India has set up 2 lakh base stations for 5G services within eight months of the launch of the service. Mittal said that even in remote areas ...

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Global and India 5G Base Station Market Report & Forecast 2023 ...

In telecommunications, a base station is a fixed transceiver that is the main communication point for one or more wireless mobile client devices.

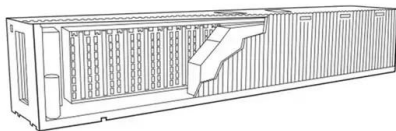
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India 5G base stations near 470K

Figures from India's Ministry of Communications pegged the country's 5G base station count at 469,000 at end-February, with active subscribers reaching more than 250 ...

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5G base station additions plunge as Jio and Airtel ...

Recent data highlights a significant reduction in quarterly 5G base station additions by Reliance Jio and Bharti Airtel. The decreased rollout of 5G ...

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India gains 6,696 5G base stations in April

The latest data reported by the Department of Telecommunications (DoT) reveals significant progress in expanding the reach of 5G technology, with Bihar, Karnataka, and Uttar ...

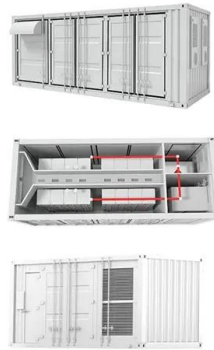
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Government Announces Major Milestones in India's ...

As on 28.02.2025, 4.69 lakhs 5G Base Transceiver Stations (BTSs) have been installed by the Telecom Service Providers (TSPs) across the country which is ...

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Government Announces Major Milestones in India's 5G ...

As on 28.02.2025, 4.69 lakhs 5G Base Transceiver Stations (BTSs) have been installed by the Telecom Service Providers (TSPs) across the country which is one of the fastest rollout of 5G ...

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EXPANSION OF 5G NETWORK IN THE COUNTRY

Since its launch in October 2022, 5G services have been rolled out in all States/ UTs across the country and presently it is available in 99.6% of the districts in the country. As on 28.02.2025, ...

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11410-02891A_5GNR_Base_Station_AN-v3 dd

Changes in Cellular Base Station Deployment Testing The first commercial 5GNR networks compliant to the 3GPP specifications started to be deployed in 2019. 5G technology offers the ...

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Indian operators expand 5G to 469k base stations, ...

The Indian government has reckons 5G coverage now extends to all states and 99.6 percent of districts nationwide. India had 469,000 5G base ...

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5G BTS Deployed , Department of Telecommunications , Ministry ...

State/UT-wise 5G BTS Report - 2025 SN State/UT
BTS as on 31.01.25 28.02.25 31.03.25 30.04.25
31.05.25 30.06.25 31.07.25 31.08.25 30.09.25
31.10.25 30.11.25 31.12.25 1 ...

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Comprehensive Plan for the Nationwide Rollout of 5G Technology

Further, more than 4.6 lakh 5G Base Transceiver Stations (BTSs) have been installed in the country. Government has taken several initiatives for proliferation of 5G ...

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