

Earl J. Lum +1-650-430-2221 elum@ejlwireless.com





#### 17th Edition

### Global Macrocell Baseband Unit (DU/BBU) Vendor Market Share Analysis, 2021-2022

#### August 2023



Entire contents © 2023 EJL Wireless Research LLC. All Rights Reserved. Reproduction of this publication in any form without prior written permission is strictly forbidden and will be prosecuted to the full extent of US and International laws. The transfer of this publication in either paper or electronic form to unlicensed third parties is strictly forbidden. The information contained herein has been obtained from sources EJL Wireless Research LLC deems reliable. EJL Wireless Research disclaims all warranties as to the accuracy, completeness, or adequacy of such information. EJL Wireless Research LLC shall bear no liability for errors, omissions, or inadequacies in the information contained herein or for the interpretation thereof. The reader assumes sole responsibility for the selection of these materials to achieve their intended results. The opinions expressed herein are subject to change without notice.

# **TABLE OF CONTENTS**

EXECUTIVE SUMMARY	4
RESEARCH METHODOLOGY	
CHAPTER 1: 2022 MARKET SHARE	
Huawei is still the one, after all these years	7
Geographical Analysis - The "C" Factor	8
North America Region	11
Latin America Region	12
Europe Region	13
Africa Region	14
The Middle East Region	15
Rest of Asia Pacific Region	16
India Region	17
China Region	18
CHAPTER 2: DU/BBU VENDOR ANALYSIS	19
2.1 CITIC Mobile Communications Equipment Co., Ltd. (China Information and	
Communication Technology Group)	20
2.2 Ericsson	22
2.3 Fujitsu Ltd	26
2.4 Huawei Technologies	28
2.5 NEC Corporation	
2.6 Nokia Networks	
2.6 Rakuten Symphony	
2.8 Samsung Networks	
2.9 Viettel High-Tech Industries Corporation	
2.10 ZTE Corporation	

#### PRODUCT CODE GBBUMAS-S-2023

## **TABLES**

Table 1: Global DU/BBU Market Share by Vendor, 2021-2022 (Units)	4
Table 2: Global DU/BBU Market Share by Vendor, 2021-2022 (Units)	
Table 3: Global DU/BBU Market Share by Vendor, Chinese vs. ROW, 2021-2022 (Units)	
Table 4: North America DU/BBU Shipments by Vendor, 2021-2022 (Units)	
Table 5: Latin America DU/BBU Shipments by Vendor, 2021-2022 (Units)	
Table 6: Europe DU/BBU Shipments by Vendor, 2021-2022 (Units)	
Table 7: Africa DU/BBU Shipments by Vendor, 2021-2022 (Units)	14
Table 8: The Middle East DU/BBU Shipments by Vendor, 2021-2022 (Units)	15
Table 9: Rest of Asia Pacific DU/BBU Shipments by Vendor, 2021-2022 (Units)	16
Table 10: India DU/BBU Shipments by Vendor, 2021-2022 (Units)	17
Table 11: China DU/BBU Shipments by Vendor, 2021-2022 (Units)	18
Table 12: CITIC Mobile DU/BBU Shipments by Region, 2021-2022 (Units)	20
Table 13: Ericsson DU/BBU Shipments by Region, 2021-2022 (Units)	22
Table 14: Ericsson Network Net Sales by Geographical Region, 2021-2022 (SEK Million)	23
Table 15: Fujitsu DU/BBU Shipments by Region, 2021-2022 (Units)	26
Table 16: Huawei Technologies DU/BBU Shipments by Region, 2021-2022 (Units)	28
Table 17: Huawei Technologies Net Sales by Customer Group, 2021-2022 (CNY Million)	29
Table 18: Huawei Technologies Net Sales by Industry Group, 2021-2022 (CNY Million)	29
Table 19: Huawei Technologies Net Sales by Geographical Region, 2021-2022 (CNY Million)	
Table 20: NEC DU/BBU Shipments by Region, 2021-2022 (Units)	31
Table 21: Nokia DU/BBU Shipments by Region, 2021-2022 (Units)	
Table 22: Nokia Mobile Networks Net Sales by Geographical Region, 2021-2022 (EUR Million)	34
Table 23: Rakuten Symphony DU/BBU Shipments by Region, 2021-2022 (Units)	38
Table 24: Samsung Networks DU/BBU Shipments by Region, 2021-2022 (Units)	40
Table 25: Viettel High-Tech Industries DU/BBU Shipments by Region, 2021-2022 (Units)	43
Table 26: ZTE DU/BBU Shipments by Region, 2021-2022 (Units)	45
Table 27: ZTE Net Sales by Business Segment, 2021-2022 (CNY Million)	46
Table 28: ZTE Net Sales by Geographical Region, 2021-2022 (CNY Million)	46

#### PRODUCT CODE GBBUMAS-S-2023

## **EXHIBITS**

Exhibit 1: Global BBU Market Share by Vendor, 2022 (% Market Share)	4
Exhibit 2: Global BBU Market Share by Vendor, 2022 (% Market Share)	
Exhibit 3: Global DU/BBU Market Share by Vendor, Chinese vs. ROW, 2021-2022 (Units)	8
Exhibit 4: Historical China Region Market Share, 2015-2022 (% Market Share)	
Exhibit 5: China DU/BBU Shipment Forecast, 2023-2027 (% Market Share)	10
Exhibit 6: North America DU/BBU Shipments by Vendor, 2021-2022 (Units)	11
Exhibit 7: Latin America DU/BBU Shipments by Vendor, 2021-2022 (Units)	12
Exhibit 8: Europe DU/BBU Shipments by Vendor, 2021-2022 (Units)	13
Exhibit 9: Africa DU/BBU Shipments by Vendor, 2021-2022 (Units)	
Exhibit 10: The Middle East DU/BBU Units by Vendor, 2022 (% Market Share)	15
Exhibit 11: Rest of Asia Pacific DU/BBU Shipments by Vendor, 2021-2022 (Units)	16
Exhibit 12: India DU/BBU Shipments by Vendor, 2021-2022 (Units)	17
Exhibit 13: China DU/BBU Shipments by Vendor, 2021-2022 (Units)	18
Exhibit 14: CITIC Mobile DU/BBU Shipments by Region (% Market Share)	20
Exhibit 15: Ericsson DU/BBU Shipments by Region (% Market Share)	22
Exhibit 16: Ericsson Network Net Sales, Products vs. Services, Q1 2021-Q4 2022 (SEK Million)	23
Exhibit 17: Fujitsu DU/BBU Shipments by Region, 2022 (% Market Share)	26
Exhibit 18: Huawei Technologies DU/BBU Shipments by Region, 2022 (% Market Share)	28
Exhibit 19: NEC DU/BBU Shipments by Region, 2022 (% Market Share)	31
Exhibit 20: Nokia DU/BBU Shipments by Region, 2022 (% Market Share)	
Exhibit 21: Nokia Mobile Networks Net Sales, Q1 2021-Q4 2022 (EUR Million)	34
Exhibit 22: Rakuten Symphony's Five Areas of Business Opportunities	37
Exhibit 23: Rakuten Symphony DU/BBU Shipments by Region, 2022 (% Market Share)	38
Exhibit 24: Samsung Networks DU/BBU Shipments by Region, 2022 (% Market Share)	
Exhibit 25: Samsung Networks Revenues, Q1 2021-Q4 2022 (KRW Trillion)	
Exhibit 26: Viettel High-Tech Industries DU/BBU Shipments by Region, 2022 (% Market Share)	
Exhibit 27: ZTE DU/BBU Shipments by Region, 2022 (% Market Share)	46