

Meet the Xerox C320 Color Printer and Xerox C325 Color Multifunction Printer

Xerox C320 Color Printer and Xerox C325 Color Multifunction Printer

Built-in ease of use around the way you work.

DEVICE SPECIFICATIONS	XEROX C320	XEROX C325
XEROX C325	Up to 35/33 color/B&W print/min. (with C325).	
Scan Speed	N/A	40/38 ppm (Black and white)/Letter/A4
Duty Cycle ²	Up to 65,000 pages/month	34,000 ppm (color) Letter/A4
Processor	1 GHz Dual Core	1.2 GHz Quad Core
Memory/Storage	1GB RAM/8GB eMMC	4GB RAM/16GB eMMC
Connectivity	Hi-Speed USB 2.0 (Type A port 1 front, 1 rear), Hi-Speed USB (Type B port, 1 rear), Gigabit Ethernet, Wireless: 802.11 b/g/n	19.3 x 18.9 x 18.7 in/60 lbs
Weights and Dimensions (H x W x D)	12.5 x 17.9 x 16.6 in/46 lbs	48.1 x 47.9 x 47.5 mm/27 kg
Copy and Print Resolution	Print Only: 1200 x 1200 dpi, 4800 Color Quality	Copy: 600 x 600 dpi Print: 1200 x 1200 dpi, 4800 Color Quality
First copy out time	N/A	As fast as 7.1 seconds color/6.8 seconds B&W
First print out time	As fast as 7.6 seconds color/7.1 seconds B&W	As fast as 7.5 seconds color/7.2 seconds B&W
Page Description Languages	PostScript® 3 Emulation, PCL 5/6 Emulation, XPS	
Print Features	One Touch UI, Print Quality, Normal, Secure, Saved and Sample Set, Job Types, Duplex, Orientation, Collation, Print Job ID in Margins, Draft Mode, N-up, Booklet Layout, Watermark, Tray and Toner Status, Rotate Image 180 Degrees, Saved Settings, Earth Smart Settings	
Mobile Printing	Apple AirPrint, Mopria Print Service, Xerox Print Mobile, Xerox Print Mobile, Xerox Print Mobile	
Scan	N/A	Scan Destinations: Email, front-side USB drive, FTP, Network or USB connected computer, Windows Network folder. Scan Formats: PDF (Searchable PDF available via XeroxPrint and ScanExperience), TIFF, JPEG, BMP, XPS
Fax	N/A	Max 33.6Kbps, V.34 Half Duplex Nbps, MH/MR/MMR/BI/BI2/BI3/BI4/BI5/BI6/BI7/BI8/BI9/BI10/BI11/BI12/BI13/BI14/BI15/BI16/BI17/BI18/BI19/BI20/BI21/BI22/BI23/BI24/BI25/BI26/BI27/BI28/BI29/BI30/BI31/BI32/BI33/BI34/BI35/BI36/BI37/BI38/BI39/BI40/BI41/BI42/BI43/BI44/BI45/BI46/BI47/BI48/BI49/BI50/BI51/BI52/BI53/BI54/BI55/BI56/BI57/BI58/BI59/BI60/BI61/BI62/BI63/BI64/BI65/BI66/BI67/BI68/BI69/BI70/BI71/BI72/BI73/BI74/BI75/BI76/BI77/BI78/BI79/BI80/BI81/BI82/BI83/BI84/BI85/BI86/BI87/BI88/BI89/BI90/BI91/BI92/BI93/BI94/BI95/BI96/BI97/BI98/BI99/BI100/BI101/BI102/BI103/BI104/BI105/BI106/BI107/BI108/BI109/BI110/BI111/BI112/BI113/BI114/BI115/BI116/BI117/BI118/BI119/BI120/BI121/BI122/BI123/BI124/BI125/BI126/BI127/BI128/BI129/BI130/BI131/BI132/BI133/BI134/BI135/BI136/BI137/BI138/BI139/BI140/BI141/BI142/BI143/BI144/BI145/BI146/BI147/BI148/BI149/BI150/BI151/BI152/BI153/BI154/BI155/BI156/BI157/BI158/BI159/BI160/BI161/BI162/BI163/BI164/BI165/BI166/BI167/BI168/BI169/BI170/BI171/BI172/BI173/BI174/BI175/BI176/BI177/BI178/BI179/BI180/BI181/BI182/BI183/BI184/BI185/BI186/BI187/BI188/BI189/BI190/BI191/BI192/BI193/BI194/BI195/BI196/BI197/BI198/BI199/BI200/BI201/BI202/BI203/BI204/BI205/BI206/BI207/BI208/BI209/BI210/BI211/BI212/BI213/BI214/BI215/BI216/BI217/BI218/BI219/BI220/BI221/BI222/BI223/BI224/BI225/BI226/BI227/BI228/BI229/BI230/BI231/BI232/BI233/BI234/BI235/BI236/BI237/BI238/BI239/BI240/BI241/BI242/BI243/BI244/BI245/BI246/BI247/BI248/BI249/BI250/BI251/BI252/BI253/BI254/BI255/BI256/BI257/BI258/BI259/BI260/BI261/BI262/BI263/BI264/BI265/BI266/BI267/BI268/BI269/BI270/BI271/BI272/BI273/BI274/BI275/BI276/BI277/BI278/BI279/BI280/BI281/BI282/BI283/BI284/BI285/BI286/BI287/BI288/BI289/BI290/BI291/BI292/BI293/BI294/BI295/BI296/BI297/BI298/BI299/BI300/BI301/BI302/BI303/BI304/BI305/BI306/BI307/BI308/BI309/BI310/BI311/BI312/BI313/BI314/BI315/BI316/BI317/BI318/BI319/BI320/BI321/BI322/BI323/BI324/BI325/BI326/BI327/BI328/BI329/BI330/BI331/BI332/BI333/BI334/BI335/BI336/BI337/BI338/BI339/BI340/BI341/BI342/BI343/BI344/BI345/BI346/BI347/BI348/BI349/BI350/BI351/BI352/BI353/BI354/BI355/BI356/BI357/BI358/BI359/BI360/BI361/BI362/BI363/BI364/BI365/BI366/BI367/BI368/BI369/BI370/BI371/BI372/BI373/BI374/BI375/BI376/BI377/BI378/BI379/BI380/BI381/BI382/BI383/BI384/BI385/BI386/BI387/BI388/BI389/BI390/BI391/BI392/BI393/BI394/BI395/BI396/BI397/BI398/BI399/BI400/BI401/BI402/BI403/BI404/BI405/BI406/BI407/BI408/BI409/BI410/BI411/BI412/BI413/BI414/BI415/BI416/BI417/BI418/BI419/BI420/BI421/BI422/BI423/BI424/BI425/BI426/BI427/BI428/BI429/BI430/BI431/BI432/BI433/BI434/BI435/BI436/BI437/BI438/BI439/BI440/BI441/BI442/BI443/BI444/BI445/BI446/BI447/BI448/BI449/BI450/BI451/BI452/BI453/BI454/BI455/BI456/BI457/BI458/BI459/BI460/BI461/BI462/BI463/BI464/BI465/BI466/BI467/BI468/BI469/BI470/BI471/BI472/BI473/BI474/BI475/BI476/BI477/BI478/BI479/BI480/BI481/BI482/BI483/BI484/BI485/BI486/BI487/BI488/BI489/BI490/BI491/BI492/BI493/BI494/BI495/BI496/BI497/BI498/BI499/BI500/BI501/BI502/BI503/BI504/BI505/BI506/BI507/BI508/BI509/BI510/BI511/BI512/BI513/BI514/BI515/BI516/BI517/BI518/BI519/BI520/BI521/BI522/BI523/BI524/BI525/BI526/BI527/BI528/BI529/BI530/BI531/BI532/BI533/BI534/BI535/BI536/BI537/BI538/BI539/BI540/BI541/BI542/BI543/BI544/BI545/BI546/BI547/BI548/BI549/BI550/BI551/BI552/BI553/BI554/BI555/BI556/BI557/BI558/BI559/BI560/BI561/BI562/BI563/BI564/BI565/BI566/BI567/BI568/BI569/BI570/BI571/BI572/BI573/BI574/BI575/BI576/BI577/BI578/BI579/BI580/BI581/BI582/BI583/BI584/BI585/BI586/BI587/BI588/BI589/BI590/BI591/BI592/BI593/BI594/BI595/BI596/BI597/BI598/BI599/BI600/BI601/BI602/BI603/BI604/BI605/BI606/BI607/BI608/BI609/BI610/BI611/BI612/BI613/BI614/BI615/BI616/BI617/BI618/BI619/BI620/BI621/BI622/BI623/BI624/BI625/BI626/BI627/BI628/BI629/BI630/BI631/BI632/BI633/BI634/BI635/BI636/BI637/BI638/BI639/BI640/BI641/BI642/BI643/BI644/BI645/BI646/BI647/BI648/BI649/BI650/BI651/BI652/BI653/BI654/BI655/BI656/BI657/BI658/BI659/BI660/BI661/BI662/BI663/BI664/BI665/BI666/BI667/BI668/BI669/BI670/BI671/BI672/BI673/BI674/BI675/BI676/BI677/BI678/BI679/BI680/BI681/BI682/BI683/BI684/BI685/BI686/BI687/BI688/BI689/BI690/BI691/BI692/BI693/BI694/BI695/BI696/BI697/BI698/BI699/BI700/BI701/BI702/BI703/BI704/BI705/BI706/BI707/BI708/BI709/BI710/BI711/BI712/BI713/BI714/BI715/BI716/BI717/BI718/BI719/BI720/BI721/BI722/BI723/BI724/BI725/BI726/BI727/BI728/BI729/BI730/BI731/BI732/BI733/BI734/BI735/BI736/BI737/BI738/BI739/BI740/BI741/BI742/BI743/BI744/BI745/BI746/BI747/BI748/BI749/BI750/BI751/BI752/BI753/BI754/BI755/BI756/BI757/BI758/BI759/BI760/BI761/BI762/BI763/BI764/BI765/BI766/BI767/BI768/BI769/BI770/BI771/BI772/BI773/BI774/BI775/BI776/BI777/BI778/BI779/BI780/BI781/BI782/BI783/BI784/BI785/BI786/BI787/BI788/BI789/BI790/BI791/BI792/BI793/BI794/BI795/BI796/BI797/BI798/BI799/BI800/BI801/BI802/BI803/BI804/BI805/BI806/BI807/BI808/BI809/BI810/BI811/BI812/BI813/BI814/BI815/BI816/BI817/BI818/BI819/BI820/BI821/BI822/BI823/BI824/BI825/BI826/BI827/BI828/BI829/BI830/BI831/BI832/BI833/BI834/BI835/BI836/BI837/BI838/BI839/BI840/BI841/BI842/BI843/BI844/BI845/BI846/BI847/BI848/BI849/BI850/BI851/BI852/BI853/BI854/BI855/BI856/BI857/BI858/BI859/BI860/BI861/BI862/BI863/BI864/BI865/BI866/BI867/BI868/BI869/BI870/BI871/BI872/BI873/BI874/BI875/BI876/BI877/BI878/BI879/BI880/BI881/BI882/BI883/BI884/BI885/BI886/BI887/BI888/BI889/BI890/BI891/BI892/BI893/BI894/BI895/BI896/BI897/BI898/BI899/BI900/BI901/BI902/BI903/BI904/BI905/BI906/BI907/BI908/BI909/BI910/BI911/BI912/BI913/BI914/BI915/BI916/BI917/BI918/BI919/BI920/BI921/BI922/BI923/BI924/BI925/BI926/BI927/BI928/BI929/BI930/BI931/BI932/BI933/BI934/BI935/BI936/BI937/BI938/BI939/BI940/BI941/BI942/BI943/BI944/BI945/BI946/BI947/BI948/BI949/BI950/BI951/BI952/BI953/BI954/BI955/BI956/BI957/BI958/BI959/BI960/BI961/BI962/BI963/BI964/BI965/BI966/BI967/BI968/BI969/BI970/BI971/BI972/BI973/BI974/BI975/BI976/BI977/BI978/BI979/BI980/BI981/BI982/BI983/BI984/BI985/BI986/BI987/BI988/BI989/BI990/BI991/BI992/BI993/BI994/BI995/BI996/BI997/BI998/BI999/BI1000/BI1001/BI1002/BI1003/BI1004/BI1005/BI1006/BI1007/BI1008/BI1009/BI1010/BI1011/BI1012/BI1013/BI1014/BI1015/BI1016/BI1017/BI1018/BI1019/BI1020/BI1021/BI1022/BI1023/BI1024/BI1025/BI1026/BI1027/BI1028/BI1029/BI1030/BI1031/BI1032/BI1033/BI1034/BI1035/BI1036/BI1037/BI1038/BI1039/BI1040/BI1041/BI1042/BI1043/BI1044/BI1045/BI1046/BI1047/BI1048/BI1049/BI1050/BI1051/BI1052/BI1053/BI1054/BI1055/BI1056/BI1057/BI1058/BI1059/BI1060/BI1061/BI1062/BI1063/BI1064/BI1065/BI1066/BI1067/BI1068/BI1069/BI1070/BI1071/BI1072/BI1073/BI1074/BI1075/BI1076/BI1077/BI1078/BI1079/BI1080/BI1081/BI1082/BI1083/BI1084/BI1085/BI1086/BI1087/BI1088/BI1089/BI1090/BI1091/BI1092/BI1093/BI1094/BI1095/BI1096/BI1097/BI1098/BI1099/BI1100/BI1101/BI1102/BI1103/BI1104/BI1105/BI1106/BI1107/BI1108/BI1109/BI1110/BI1111/BI1112/BI1113/BI1114/BI1115/BI1116/BI1117/BI1118/BI1119/BI1120/BI1121/BI1122/BI1123/BI1124/BI1125/BI1126/BI1127/BI1128/BI1129/BI1130/BI1131/BI1132/BI1133/BI1134/BI1135/BI1136/BI1137/BI1138/BI1139/BI1140/BI1141/BI1142/BI1143/BI1144/BI1145/BI1146/BI1147/BI1148/BI1149/BI1150/BI1151/BI1152/BI1153/BI1154/BI1155/BI1156/BI1157/BI1158/BI1159/BI1160/BI1161/BI1162/BI1163/BI1164/BI1165/BI1166/BI1167/BI1168/BI1169/BI1170/BI1171/BI1172/BI1173/BI1174/BI1175/BI1176/BI1177/BI1178/BI1179/BI1180/BI1181/BI1182/BI1183/BI1184/BI1185/BI1186/BI1187/BI1188/BI1189/BI1190/BI1191/BI1192/BI1193/BI1194/BI1195/BI1196/BI1197/BI1198/BI1199/BI1200/BI1201/BI1202/BI1203/BI1204/BI1205/BI1206/BI1207/BI1208/BI1209/BI1210/BI1211/BI1212/BI1213/BI1214/BI1215/BI1216/BI1217/BI1218/BI1219/BI1220/BI1221/BI1222/BI1223/BI1224/BI1225/BI1226/BI1227/BI1228/BI1229/BI1230/BI1231/BI1232/BI1233/BI1234/BI1235/BI1236/BI1237/BI1238/BI1239/BI1240/BI1241/BI1242/BI1243/BI1244/BI1245/BI1246/BI1247/BI1248/BI1249/BI1250/BI1251/BI1252/BI1253/BI1254/BI1255/BI1256/BI1257/BI1258/BI1259/BI1260/BI1261/BI1262/BI1263/BI1264/BI1265/BI1266/BI1267/BI1268/BI1269/BI1270/BI1271/BI1272/BI1273/BI1274/BI1275/BI1276/BI1277/BI1278/BI1279/BI1280/BI1281/BI1282/BI1283/BI1284/BI1285/BI1286/BI1287/BI1288/BI1289/BI1290/BI1291/BI1292/BI1293/BI1294/BI1295/BI1296/BI1297/BI1298/BI1299/BI1300/BI1301/BI1302/BI1303/BI1304/BI1305/BI1306/BI1307/BI1308/BI1309/BI1310/BI1311/BI1312/BI1313/BI1314/BI1315/BI1316/BI1317/BI1318/BI1319/BI1320/BI1321/BI1322/BI1323/BI1324/BI1325/BI1326/BI1327/BI1328/BI1329/BI1330/BI1331/BI1332/BI1333/BI1334/BI1335/BI1336/BI1337/BI1338/BI1339/BI1340/BI1341/BI1342/BI1343/BI1344/BI1345/BI1346/BI1347/BI1348/BI1349/BI1350/BI1351/BI1352/BI1353/BI1354/BI1355/BI1356/BI1357/BI1358/BI1359/BI1360/BI1361/BI1362/BI1363/BI1364/BI1365/BI1366/BI1367/BI1368/BI1369/BI1370/BI1371/BI1372/BI1373/BI1374/BI1375/BI1376/BI1377/BI1378/BI1379/BI1380/BI1381/BI1382/BI1383/BI1384/BI1385/BI1386/BI1387/BI1388/BI1389/BI1390/BI1391/BI1392/BI1393/BI1394/BI1395/BI1396/BI1397/BI1398/BI1399/BI1400/BI1401/BI1402/BI1403/BI1404/BI1405/BI1406/BI1407/BI1408/BI1409/BI1410/BI1411/BI1412/BI1413/BI1414/BI1415/BI1416/BI1417/BI1418/BI1419/BI1420/BI1421/BI1422/BI1423/BI1424/BI1425/BI1426/BI1427/BI1428/BI1429/BI1430/BI1431/BI1432/BI1433/BI1434/BI1435/BI1436/BI1437/BI1438/BI1439/BI1440/BI1441/BI1442/BI1443/BI1444/BI1445/BI1446/BI1447/BI1448/BI1449/BI1450/BI1451/BI1452/BI1453/BI1454/BI1455/BI1456/BI1457/BI1458/BI1459/BI1460/BI1461/BI1462/BI1463/BI1464/BI1465/BI1466/BI1467/BI1468/BI1469/BI1470/BI1471/BI1472/BI1473/BI1474/BI1475/BI1476/BI1477/BI1478/BI1479/BI1480/BI1481/BI1482/BI1483/BI1484/BI1485/BI1486/BI1487/BI1488/BI1489/BI1490/BI1491/BI1492/BI1493/BI1494/BI1495/BI1496/BI1497/BI1498/BI1499/BI1500/BI1501/BI1502/BI1503/BI1504/BI1505/BI1506/BI1507/BI1508/BI1509/BI1510/BI1511/BI1512/BI1513/BI1514/BI1515/BI1516/BI1517/BI1518/BI1519/BI1520/BI1521/BI1522/BI1523/BI1524/BI1525/BI1526/BI1527/BI1528/BI1529/BI1530/BI1531/BI1532/BI1533/BI1534/BI1535/BI1536/BI1537/BI1538/BI1539/BI1540/BI1541/BI1542/BI1543/BI1544/BI1545/BI1546/BI1547/BI1548/BI1549/BI1550/BI1551/BI1552/BI1553/BI1554/BI1555/BI1556/BI1557/BI1558/BI1559/BI1560/BI1561/BI1562/BI1563/BI1564/BI1565/BI1566/BI1567/BI1568/BI1569/BI1570/BI1571/BI1572/BI1573/BI1574/BI1575/BI1576/BI1577/BI1578/BI1579/BI1580/BI1581/BI1582/BI1583/BI1584/BI1585/BI1586/BI1587/BI1588/BI1589/BI1590/BI1591/BI1592/BI1593/BI1594/BI1595/BI1596/BI1597/BI1598/BI1599/BI1600/BI1601/BI1602/BI1603/BI1604/BI1605/BI1606/BI1607/BI1608/BI1609/BI1610/BI1611/BI1612/BI1613/BI1614/BI1615/BI1616/BI1617/BI1618/BI1619/BI1620/BI1621/BI1622/BI1623/BI1624/BI1625/BI1626/BI1627/BI1628/BI1629/BI1630/BI1631/BI1632/BI1633/BI1634/BI1635/BI1636/BI1637/BI1638/BI1639/BI1640/BI1641/BI1642/BI1643/BI1644/BI1645/BI1646/BI1647/BI1648/BI1649/BI1650/BI1651/BI1652/BI1653/BI1654/BI1655/BI1656/BI1657/BI1658/BI1659/BI1660/BI1661/BI1662/BI1663/BI1664/BI1665/BI1666/BI1667/BI1668/BI1669/BI1670/BI1671/BI1672/BI1673/BI1674/BI1675/BI1676/BI1677/BI1678/BI1679/BI1680/BI1681/BI1682/BI1683/BI1684/BI1685/BI1686/BI1687/BI1688/BI1689/BI1690/BI1691/BI1692/BI1693/BI1694/BI1695/BI1696/BI1697/BI1698/BI1699/BI1700/BI1701/BI1702/BI1703/BI1704/BI1705/BI1706/BI1707/BI1708/BI1709/BI1710/BI1711/BI1712/BI1713/BI1714/BI1715/BI1716/BI1717/BI1718/BI1719/BI1720/BI1721/BI1722/BI1723/BI1724/BI1725/BI1726/BI1727/BI1728/BI1729/BI1730/BI1731/BI1732/BI1733/BI1734/BI1735/BI1736/BI1737/BI1738/BI1739/BI1740/BI1741/BI1742/BI1743/BI1744/BI1745/BI1746/BI1747/BI1748/BI1749/BI1750/BI1751/BI1752/BI1753/BI1754/BI1755/BI1756/BI1757/BI1758/BI1759/BI1760/BI1761/BI1762/BI1763/BI1764/BI1765/BI1766/BI1767/BI1768/BI1769/BI1770/BI1771/BI1772/BI1773/BI1774/BI1775/BI1776/BI1777/BI1778/BI1779/BI1780/BI1781/BI1782/BI1783/BI1784/BI1785/BI1786/BI1787/BI1788/BI1789/BI1790/BI1791/BI1792/BI1793/BI1794/BI1795/BI1796/BI1797/BI1798/BI1799/BI1800/BI1801/BI1802/BI1803/BI1804/BI1805/BI1806/BI1807/BI1808/BI1809/BI1810/BI1811/BI1812/BI1813/BI1814/BI1815/BI1816/BI1817/BI1818/BI1819/BI1820/BI1821/BI1822/BI1823/BI1824/BI1825/BI1826/BI1827/BI1828/BI1829/BI1830/BI1831/BI1832/BI1833/BI1834/BI1835/BI1836/BI1837/BI1838/BI1839/BI1840/BI1841/BI1842/BI1843/BI1844/BI1845/BI1846/BI1847/BI1848/BI1849/BI1850/BI1851/BI1852/BI1853/BI1854/BI1855/BI1856/BI1857/BI1858/BI1859/BI1860/BI1861/BI1862/BI1863/BI1864/BI1865/BI1866/BI1867/BI1868/BI1869/BI1870/BI1871/BI1872/BI1873/BI1874/BI1875/BI1876/BI1877/BI1878/BI1879/BI1880/BI1881/BI1882/BI1883/BI1884/BI1885/BI1886/BI1887/BI1888/BI1889/BI1890/BI1891/BI1892/BI1893/BI1894/BI1895/BI1896/BI1897/BI1898/BI1899/BI1900/BI1901/BI1902/BI1903/BI1904/BI1905/BI1906/BI1907/BI1908/BI1909/BI1910/BI1911/BI1912/BI1913/BI1914/BI1915/BI1916/BI1917/BI1918/BI1919/BI1920/BI1921/BI1922/BI1923/BI1924/BI1925/BI1926/BI1927/BI1928/BI1929/BI1930/BI1931/BI1932/BI1933/BI1934/BI1935/BI1936/BI1937/BI1938/BI1939/BI1940/BI1941/BI1942/BI1943/BI1944/BI1945/BI1946/BI1947/BI1948/BI1949/BI1950/BI1951/BI1952/BI1953/BI1954/BI1955/BI1956/BI1957/BI1958/BI1959/BI1960/BI1961/BI1962/BI1963/BI1964/BI1965/BI1966/BI1967/BI1968/BI1969/BI1970/BI1971/BI1972/BI1973/BI1974/BI1975/BI1976/BI1977/BI1978/BI1979/BI1980/BI1981/BI1982/BI1983/BI1984/BI1985/BI1986/BI1987/BI1988/BI1989/BI1990/BI1991/BI1992/BI1993/BI1994/BI1995/BI1996/BI1997/BI1998/BI1999/BI2000/BI2001/BI2002/BI2003/BI2004/BI2005/BI2006/BI2007/BI2008/BI2009/BI2010/BI2011/BI2012/BI2013/BI2014/BI2015/BI2016/BI2017/BI2018/BI2019/BI2020/BI2021/BI2022/BI2023/BI2024/BI2025/BI2026/BI2027/BI2028/BI2029/BI2030/BI2031/BI2032/BI2033/BI2034/BI2035/BI2036/BI2037/BI2038/BI2039/BI2040/BI2041/BI2042/BI2043/BI2044/BI2045/BI2046/BI2047/BI2048/BI2049/BI2050/BI2051/BI2052/BI2053/BI2054/BI2055/BI2056/BI2057/BI2058/BI2059/BI2060/BI2061/BI2062/BI2063/