**Mobile Catalogue APIs**

1. **Search:**

**Description: Search API exposed to search by any field defined in the catalogue**

**URL:** /mobile/search?gps=No&battery=Removable **Input Parameters:** any field in the handset data as a QueryParam

**Sample:** /mobile/search?sim=eSim.

|  |
| --- |
| **Request Parameters** |
| brand |
| battery |
| gps |
| phone |
| resolution |
| audioJack |
| announceDate |
| sim |
| priceEur |

**Output Parameters:** All defined attributes in DB

**Sample :** [

    {

        "id": 1,

        "brand": "Apple",

        "phone": "Apple iPad Pro 12.9 (2018)",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-ipad-pro-129-2018.jpg",

        "release": {

            "announceDate": "2018 October",

            "priceEur": "1100"

        },

        "sim": "Nano-SIM eSIM",

        "resolution": "2048 x 2732 pixels",

        "hardware": {

            "audioJack": "No",

            "gps": "Yes with A-GPS",

            "battery": "Li-Po 9720 mAh battery (36.71 Wh)"

        }

    },

    {

        "id": 2,

        "brand": "Apple",

        "phone": "Apple iPad Pro 11",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-ipad-pro-11-2018.jpg",

        "release": {

            "announceDate": "2018 October",

            "priceEur": "880"

        },

        "sim": "Nano-SIM eSIM",

        "resolution": "1668 x 2388 pixels",

        "hardware": {

            "audioJack": "No",

            "gps": "Yes with A-GPS",

            "battery": "Li-Po 7812 mAh battery (29.45 Wh)"

        }

    },

    {

        "id": 4,

        "brand": "Apple",

        "phone": "Apple iPhone XS",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-iphone-xs-new.jpg",

        "release": {

            "announceDate": "2018 September",

            "priceEur": "1150"

        },

        "sim": "Nano-SIM eSIM",

        "resolution": "1125 x 2436 pixels",

        "hardware": {

            "audioJack": "No",

            "gps": "Yes with A-GPS",

            "battery": "Li-Ion 2658 mAh battery (10.13 Wh)"

        }

    },

    {

        "id": 5,

        "brand": "Apple",

        "phone": "Apple iPhone XR",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-iphone-xr-new.jpg",

        "release": {

            "announceDate": "2018 September",

            "priceEur": "850"

        },

        "sim": "Nano-SIM eSIM",

        "resolution": "828 x 1792 pixels",

        "hardware": {

            "audioJack": "No",

            "gps": "Yes with A-GPS",

            "battery": "Li-Ion 2942 mAh battery"

        }

    },

    {

        "id": 6,

        "brand": "Apple",

        "phone": "Apple Watch Series 4",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-watch-series-4-steel.jpg",

        "release": {

            "announceDate": "2018 September",

            "priceEur": "700"

        },

        "sim": "eSIM",

        "resolution": "448 x 368 pixels",

        "hardware": {

            "audioJack": "No",

            "gps": "Yes with A-GPS",

            "battery": "Li-Ion battery"

        }

    },

    {

        "id": 7,

        "brand": "Apple",

        "phone": "Apple Watch Series 4 Aluminum",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-watch-series-4-aluminum.jpg",

        "release": {

            "announceDate": "2018 September",

            "priceEur": "430"

        },

        "sim": "eSIM",

        "resolution": "448 x 368 pixels",

        "hardware": {

            "audioJack": "No",

            "gps": "Yes with A-GPS",

            "battery": "Li-Ion battery"

        }

    },

    {

        "id": 8,

        "brand": "Apple",

        "phone": "Apple iPad 9.7 (2018)",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-ipad-97-2018.jpg",

        "release": {

            "announceDate": "2018 March",

            "priceEur": "350"

        },

        "sim": "Nano-SIM eSIM",

        "resolution": "1536 x 2048 pixels",

        "hardware": {

            "audioJack": "Yes",

            "gps": "Yes with A-GPS",

            "battery": "Li-Ion battery (32.4 Wh)"

        }

    },

    {

        "id": 12,

        "brand": "Apple",

        "phone": "Apple Watch Edition Series 3",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-watch-edition-series3.jpg",

        "release": {

            "announceDate": "2017 September",

            "priceEur": "1450"

        },

        "sim": "eSIM",

        "resolution": "390 x 312 pixels",

        "hardware": {

            "audioJack": "No",

            "gps": "Yes with A-GPS",

            "battery": "Li-Ion 279 mAh battery (1.07 Wh) - 38mm version"

        }

    },

    {

        "id": 13,

        "brand": "Apple",

        "phone": "Apple Watch Series 3",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-watch-series3-.jpg",

        "release": {

            "announceDate": "2017 September",

            "priceEur": "700"

        },

        "sim": "eSIM",

        "resolution": "390 x 312 pixels",

        "hardware": {

            "audioJack": "No",

            "gps": "Yes with A-GPS",

            "battery": "Li-Ion 279 mAh battery (1.07 Wh) - 38mm version"

        }

    },

    {

        "id": 14,

        "brand": "Apple",

        "phone": "Apple Watch Series 3 Aluminum",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-watch-series3-sport-.jpg",

        "release": {

            "announceDate": "2017 September",

            "priceEur": "480"

        },

        "sim": "eSIM",

        "resolution": "390 x 312 pixels",

        "hardware": {

            "audioJack": "No",

            "gps": "Yes with A-GPS",

            "battery": "Li-Ion 279 mAh battery (1.07 Wh) - 38mm version"

        }

    },

    {

        "id": 15,

        "brand": "Apple",

        "phone": "Apple iPad Pro 12.9 (2017)",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-ipad-pro-129-2017.jpg",

        "release": {

            "announceDate": "2017 June",

            "priceEur": "900"

        },

        "sim": "Nano-SIM eSIM",

        "resolution": "2732 x 2048 pixels",

        "hardware": {

            "audioJack": "Yes",

            "gps": "Yes with A-GPS",

            "battery": "Li-Ion 10891 mAh battery (41 Wh)"

        }

    },

    {

        "id": 16,

        "brand": "Apple",

        "phone": "Apple iPad Pro 10.5 (2017)",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-ipad-pro-105-2017.jpg",

        "release": {

            "announceDate": "2017 June",

            "priceEur": "730"

        },

        "sim": "Nano-SIM eSIM",

        "resolution": "1668 x 2224 pixels",

        "hardware": {

            "audioJack": "Yes",

            "gps": "Yes with A-GPS",

            "battery": "Li-Ion 8134 mAh battery (30.8 Wh)"

        }

    },

    {

        "id": 17,

        "brand": "Apple",

        "phone": "Apple iPad 9.7 (2017)",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-ipad-97-2017.jpg",

        "release": {

            "announceDate": "2017 March",

            "priceEur": "390"

        },

        "sim": "Nano-SIM eSIM",

        "resolution": "1536 x 2048 pixels",

        "hardware": {

            "audioJack": "Yes",

            "gps": "Yes with A-GPS",

            "battery": "Li-Ion 8827 mAh battery (32.9 Wh)"

        }

    },

    {

        "id": 28,

        "brand": "Apple",

        "phone": "Apple iPad Pro 9.7 (2016)",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-ipad-pro-97.jpg",

        "release": {

            "announceDate": "2016 March",

            "priceEur": "690"

        },

        "sim": "Nano-SIM eSIM",

        "resolution": "1536 x 2048 pixels",

        "hardware": {

            "audioJack": "Yes",

            "gps": "Yes with A-GPS",

            "battery": "Li-Ion 7306 mAh battery (27.9 Wh)"

        }

    },

    {

        "id": 32,

        "brand": "Apple",

        "phone": "Apple iPad Pro 12.9 (2015)",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-ipad-pro-.jpg",

        "release": {

            "announceDate": "2015 September",

            "priceEur": "850"

        },

        "sim": "Nano-SIM eSIM",

        "resolution": "2048 x 2732 pixels",

        "hardware": {

            "audioJack": "Yes",

            "gps": "Yes with A-GPS",

            "battery": "Li-Ion 10307 mAh battery (38.8 Wh)"

        }

    },

    {

        "id": 33,

        "brand": "Apple",

        "phone": "Apple iPad mini 4",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/ipad-mini-41.jpg",

        "release": {

            "announceDate": "2015 September",

            "priceEur": "360"

        },

        "sim": "Nano-SIM eSIM",

        "resolution": "1536 x 2048 pixels",

        "hardware": {

            "audioJack": "Yes",

            "gps": "Yes with A-GPS",

            "battery": "Li-Ion 5124 mAh battery (19.1 Wh)"

        }

    },

    {

        "id": 40,

        "brand": "Apple",

        "phone": "Apple iPad Air 2",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-ipad-air-2-new.jpg",

        "release": {

            "announceDate": "2014 October",

            "priceEur": "440"

        },

        "sim": "Nano-SIM eSIM",

        "resolution": "1536 x 2048 pixels",

        "hardware": {

            "audioJack": "Yes",

            "gps": "Yes with A-GPS",

            "battery": "Li-Po 7340 mAh battery (27.62 Wh)"

        }

    },

    {

        "id": 41,

        "brand": "Apple",

        "phone": "Apple iPad mini 3",

        "picture": "https://cdn2.gsmarena.com/vv/bigpic/apple-ipad-mini-3-new.jpg",

        "release": {

            "announceDate": "2014 October",

            "priceEur": "400"

        },

        "sim": "Nano-SIM eSIM",

        "resolution": "1536 x 2048 pixels",

        "hardware": {

            "audioJack": "Yes",

            "gps": "Yes with A-GPS",

            "battery": "Li-Po 6470 mAh battery (24.3 Wh)"

        }

    }

]