

KINGTOP

—— 2024 Product Manual ——





15

15 years of innovation

5G

Solution providers of core technologies such as 4G/5G/IoT/AI

800+

More than 800 employees

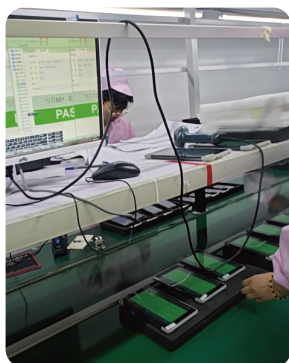
60+

Company applied for 60+ copyrights and patents



COMPANY PROFILE

Shenzhen Jintaiyi Electronic Co., Ltd. (Brand Name:KingTop) founded in 2007 and headquartered in Nanshan District, Shenzhen, China. A solution provider authorized by MTK and UNISOC 5G License. We're committed to the multiform mobile terminals area of PDA Handheld Computer, MBB Mobile Hotspot, POS Terminal, Body-Worn Camera, and other Intelligent Hardware devices. With 5G at the core of everything we do, we deliver innovations that transform the way businesses connect, access and use information.



WHY CHOOSE US



5G Fast Connectivity

5G compatible and built-in Wi-Fi 6 with 4G LTE, Bluetooth 5.1 and dedicated GPS, you can complete your entire mission without delays or downtime. Kingtop designed allows you to remain connected entirely at incredible speeds.



Rich production experience

Focus on the production of intelligent mobile devices for 15 years, and conduct in-depth research on industry trends and customer needs. From R&D to product manufacturing, constantly innovating and improving.



TROUBLE SHOOTING

Solve any problems in the moment, on-site with a direct line to Kingtop engineers.



PRODUCT SELECTION

Our professional sales team will recommend suitable and cost-effective products based on your needs.



OEM

Give us a few details for your customizing requirements, we'll offer the best solution.



ODM

We have an professional R&D and design team, 15 years experience in the development of software and hardware to dedicate to solutions that satisfy customers and the market.



Mobile Hotspots Specification



Product Model	KT-M2A	KT-M3A	KT-M4A	KT-M6A
CPU	MTK MT6833/MT6877, 7nm 2*A76 (2.0GHz)+6*A55(2.0GHz)	MT6877,6nm, 2*A78 (2.4GHz)+6*A55 (2.0GHz)	MTK6877, 6nm 2*A78 (2.0GHz)+6*A55(2.0GHz)	MT6769(4G)
OS Version	Android™11.0	Android™11.0	Android™11.0	Android™8.0
Memory	2GB RAM+16GB ROM	2GB RAM+ 32GB ROM	2GB RAM+16GB ROM	2GB RAM+ 32GB ROM
WiFi	MT6635	MT6635	MT6635	MT6631
WiFi Antenna	2*2	2*2	2*2	1*1
Wireless Bands	2.4G,5.8G,DBSC	2.4G, 5.8G, DBSC (2*2) , DBDC(1*1)	2.4G,5.8G,DBSC	2.4GHz, 5GHz
Wireless Protocol	802.11 a/b/g/n/ac (MT6833) & 802.11 a/b/g/n/ac/ax (MT6877)	802.11 a/b/g/n/ac/ax	802.11 a/b/g/n/ac/ax	802.11 a/b/g/n/ac
Cellular Protocol	3GPP Rel.15, 5G NR, SA/NSA, Sub 6G/LTE Category 13	3GPP Rel.15, 5G NR, SA/NSA, Sub 6G/LTE Category 18	3GPP Rel.15, 5G NR, SA/NSA, Sub 6G/LTE Category 18	3GPP Rel.11, LTE Category 6
Cellular Bands	5G NR:n2/n5/n12/n25/n66/n41/n48*/n71*/n77/n78 4G:B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B41/B66/B71*	5G NR: N1/N3/N5/N8/N28A/N41/N77/N78 (N41/N77/N78 UL 2MIMO) 4G FDD: B1/B3/B5/B8/B28 4G TDD: B34/B38/B39/B40/B41	5G NR:N1/N3/N5/N7*/N8/N20*/N28/N41/N77/N78 (N41/N77/N78 UL2MIMO) 4G FDD: B1/B3/B5/B7*/B8/B20*/B28 4G TDD: B34/B38/B39/B40/B41	LTE-FDD: B1/B3/B5/B7/B8/B20/B28A LTE-TDD: B38/B40/B41 UMTS/HSPA/HSPA+: B1/B5/B8
Cellular Antenna	4*4	4*4	4*4	2*2
Bluetooth	Bluetooth 5.1(optional)	Bluetooth 5.0(optional)	Bluetooth 5.1(optional)	Bluetooth 5.0(optional)
Interface	USB 2.0 Port: Type-C	USB 2.0 Port: Type-C	USB 2.0 Port: Type-C	USB 2.0 Port: Type-C
Working Temperature	0℃-45℃	0℃-45℃	0℃-45℃	0℃-45℃
Storage Temperature	-20℃-70℃	-20℃-70℃	-20℃-70℃	-20℃-70℃
Humidity	5%-95%	5%-95%	5%-95%	5%-95%
LED	Red, Green, Blue	1*5G signal, 1*4G signal, 1*Wifi, 1*Power	1*5G signal, 1*4G signal, 1*Wifi, 1*Power	1*4G signal, 1*3G signal, 1*Wifi, 1*Power
Battery	4400 mAh (customized available)	10000 mAh (customized available)	4200 mAh (customized available)	4200 mAh (customized available)
Dimension	125 x 70 x 17 mm (customized available)	130 x 82 x 18.5 mm (customized available)	108.7 x 68.2 x 16.2 mm (customized available)	108.7 x 68.2 x 16.2 mm (customized available)

- MediaTek Dimensity chipset 5G
- WiFi6, 802.11 a/b/g/n/ac/ax, 2.4G/5G Hz
- Bluetooth 5.1
- 4*4MIMO Antenna





CPE Specification



Product Model	KT-R2A	KT-R4A	KT-R6A
CPU	MTK T750	MTK 5G 6nm MT6877, WiFi6 AX3000	MTK6797
OS Version	Linux	Linux	Linux
Memory	1GB RAM + 1GB ROM	2GB RAM + 8GB ROM	3GB RAM + 8GB ROM or above
WiFi	MT7915+MT7975 * 2	MT7981BA+MT7976CN+MT7531AE	MTK7621+MTK7613+MTK7603
WiFi Antenna	4X4, AX(WIFI 6), MU-MIMO BEANFORMING	4X4, AX(WIFI 6), MU-MIMO BEANFORMING	2*2
Wireless Bands	2.4G,5.8G,DBSC	2.4G,5.8G	2.4G,5.8G
Wireless Protocol	WiFi-6, 802.11a/b/g/n/ac/ax, 2.4GHz & 5GHz Simultaneous Dual-Band Wi-Fi	WiFi-6, 802.11a/b/g/n/ac/ax, 2.4GHz & 5GHz, Simultaneous Dual-Band Wi-Fi	WiFi-5, 802.11a/b/g/n/ac, 2.4GHz & 5GHz, Simultaneous Dual-Band Wi-Fi
Cellular Protocol	3GPP Release 15,5G NR,SA/NSA,Sub 6G/LTE	3GPP Release 15,5G NR,SA/NSA, Sub 6G/LTE, Category 18	3GPP Rel.11, LTE Category 6
Cellular Bands	NSA: n1/3/5*/7/8/20/28/38/40/41/71*/77/78 SA: n1/3/5*/7/8/20/28/38/40/41/71*/77/78 FDD: B1/3/5*/7/8/20/28/32/71* TDD: B38/40/41/42/43 WCDMA: B1/5*/8	5G: n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n77/n78 4G: B1/B3/B5/B7/B8/B20/B28/B38/B40/B41/B42/B43 3G: B1/B5/B8	LTE-FDD: B1/B3/B5/B7/B8/B20/B28A LTE-TDD: B38/B40/B41 UMTS/HSPA/HSPA+: B1/B5/B8
Antenna	5G (DL): 4x4 MIMO: >1GHz 4*4, MIMO <1GHz 2*2 MIMO 5G (UL): 2x2 MIMO on n41/77/78 4G (DL): 4x4 MIMO: >1GHz 4*4, MIMO <1GHz 2*2 MIMO	4*4 MIMO	2*2 MIMO
Users	128 users	128 users	64 users
LCM	Power /5G signal /4G signal /WiFi	Power /5G signal /4G signal /WiFi	USB 2.0 Port
SIM card	Single SIM card,hot plugging supported NANO SIM card,eSIM optional	NANO SIM card, eSIM optional, hot plugging supported	1*Power,3*Signal,1*WIFI2.4G, 1*WiFi5.8G, 1*Internet, 4*LAN, 1*VoLTE
USB	TYPE-C(USB2.0)	TYPE-C(USB2.0)	TYPE-A(USB2.0)
Ethernet Port	3x RJ45(2xLAN 1 Gigabit,1xLAN/WAN 2.5Gigabit) with LED	2x RJ45 (1xLAN 1 Gigabit,1xLAN/WAN 1 Gigabit)	1*GE RJ45+3*GE RJ45
RJ11	VoLTE/CSFB	RJ11 (Option)	RJ11 (Option)
Button	1*WPS/MESH + 1*RESET	1*WPS/MESH + 1*RESET	WiFi, WPS,Reset
Dimension	101.5x 101.5 x 191.5 mm	101.5x 101.5 x 191.5 mm	205 x 133 x 67 mm

- MediaTek Dimensity chipset
- WIFI up to 4.67, network up to 1.25Gbps
- Supports mainstream operator certification
- 2.4G WiFi coverage far away, worry free wall penetration



Handheld Computer Specification



Product Model	KT-KP18	KT-KP26	KT-KP36	KT-KP18(Medical)
CPU	MTK6877 6nm, 2*A78 @2.4GHz,6*A55 @2.0GHz	MTK6877, 6nm, 8 core 2*A78 @2.4GHz,6*A55 @2.0GHz	MTK6762, 12nm, 8 core @2.0GHz	MTK MT900, 6nm, 2*A78 @2.4GHz,6*A55 @2.0GHz
OS Version	Android™11.0	Android™11.0	Android™11.0	Android™11.0
Memory	4GB RAM+64GB ROM	6GB RAM+128GB ROM	4GB RAM+64GB ROM	4GB RAM+64GB ROM
Wireless Bands	2.4/5GHz dual-band WIFI	2.4G/5GHz	2.4G/5GHz	2.4/5GHz dual-band WIFI
Wireless Protocol	802.11ax, Wi-Fi6	802.11 ax, WIFI6	802.11 ac, WIFI5	802.11ax, Wi-Fi6
Cellular Protocol	5G: NR (N1/3/8/28/38/41/77/78 /79)	5G: N1/N3/N8/N38/N41/N77/N78 /N79/N28AB	4G: FDD-LTE: B1/B3/B5/B7/B8/B20 TDD-LTE: B34/B38/B39/B40/B41	5G: NR (N1/3/8/28/38/41/77/78 /79)
LCD	5.7 inch IPS, HD+, 720*1440	6.3 inch TFT(IPS) FHD, 1080*2340	4 inch IPS, HD+, 800*480	5.7 inch IPS,HD+,720*1440
TP	Multi-touch, IC:GT911	Multi-touch, IC:GT911	Industrial grade capacitive screen	Multi-touch, IC:GT911
GPS	GPS L1+L5/ Beidou L1+III B2A/ Galileo L1+Ea5 /GLONASS/AGPS	GPS/Beidou/Galileo/GLONASS /AGPS	GPS/Beidou/Galileo/GLONASS /AGPS	GPS L1+L5/ Beidou L1+III B2A/ Galileo L1+Ea5 /GLONASS/AGPS
NFC	✓	✓	✓	✓
Fingerprint unlock	✓	✓	-	-
Scan module	CM60	CM60	CM60	CM60
SIM card	5G Single NANO SIM card	NANO card	NANO card	5G Single NANO SIM card
Camera	Front: 5mp, Rear: 13mp	Front: 8mp, Rear: 48mp	Front: 5mp, Rear: 13mp	Front: 5mp, Rear: 13mp
Bluetooth	Bluetooth 5.1(optional)	Bluetooth 5.1(optional)	Bluetooth 5.0(optional)	Bluetooth 5.1(optional)
Battery	4000 mAh (customized available)	5000mAh (customized available)	5000mAh (customized available)	4000mAh (customized available)
Dimension	162.5 x 77.5 x 14.6mm (customized available)	125 x 70 x 17 mm (customized available)	165 x 65 x 15mm (customized available)	162.5 x 77.5 x 14.6mm (customized available)



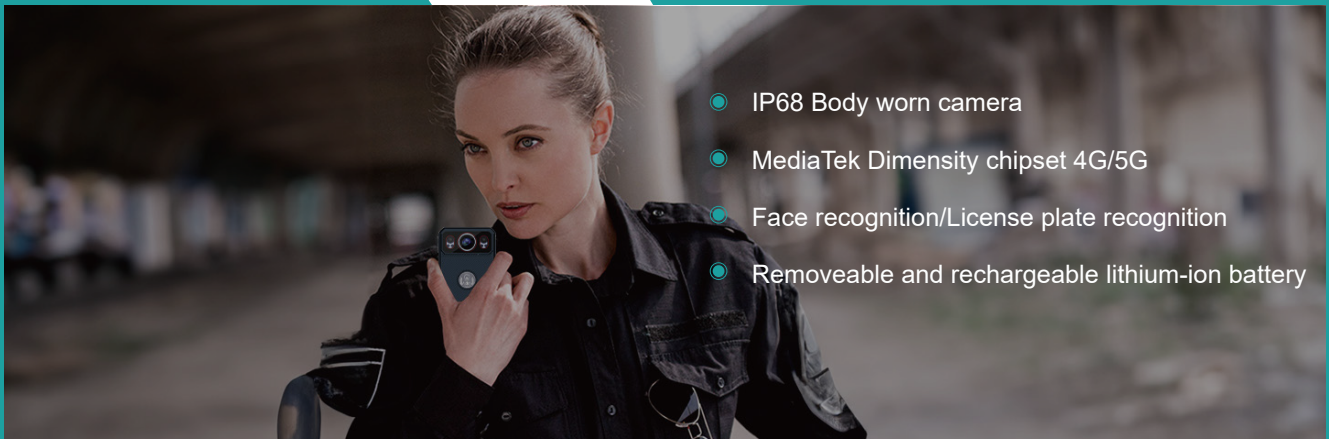
- IP67 Mobile management device
- Android™ 12.0 system
- Lightning fast charging
- Support 1D/2D Barcode Reader and NFC/RFID



Body Worn Cameras Specification



Product Model	KT-Z1	KT-Z2	KT-Z3	KT-Z6
CPU	MTK6877,6nm, 8-core @2.4GHz	MTK6769,12nm, 8-core@2.0GHz	MTK-MT6877,6nm, 8-core @2.4GHz	UISOC7863;12nm, 8-core@1.8GHz
OS Version	Android™11.0	Android™12.0	Android™11.0	Android™12.0
Memory	4+64GB	3+32GB	4+64GB	4+64GB
Wireless Bands	2.4G/5G Hz	2.4G/5G Hz	2.4G/5G Hz	2.4G/5G Hz
Wireless Protocol	802.11ax/ac/a/b/g/n/, WIFI6	802.11ac/a/b/g/n, WIFI5.8	802.11ac/a/b/g/n/ax , WIFI6	802.11ac/a/b/g/n , WIFI5
Cellular Protocol	5G: N1/3/28/41/77/78/79	4G: TDD (B34/38/39/40/41), FDD(B1/2/3/4/5/7/8/12/17/20/28)	5G: N1/3/28/41/77/78/79	4G: TDD (B34/38/39/40/41), FDD(B1/2/3/4/5/7/8/12/17/20/28)
LCD	2.4 inch, 480*640	2.4 inch, 480*640	2.4 inch, 480*640	2.4 inch, 480*640
TP	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen
GPS	GPS/Galileo/GLONASS/Beidou	GPS/Galileo/GLONASS/Beidou	GPS/Galileo/GLONASS/Beidou	GPS/Galileo/GLONASS/Beidou
MIC	Dual micro, 3D DNR	Dual micro, 3D DNR	Dual micro, 3D DNR	Dual micro, 3D DNR
Video size	Up to 4K*2K@30fps (3840*2160)	Up to 2K@30fps (3840*2160)	up to 4K*2K@30fps	up to 2K@30fps
Waterproof	IP68	IP68	IP68	IP68
USB	TYPE-C, USB3.0	TYPE-C, USB3.0	TYPE-C, USB3.0	TYPE-C, USB3.0
Camera	Front: 5mp, Rear: 4mp	Front: 5mp, Rear: 4mp	Front: 5mp, Rear: 8mp	Front: 5mp, Rear: 4mp
Bluetooth	Bluetooth 5.1	Bluetooth 5.0	Bluetooth 5.1	Bluetooth 5.0
Battery	3300mAh/3.8V (customized available)	3300mAh/3.8V (customized available)	3300mAh/3.8V (customized available)	3300mAh/3.8V (customized available)
Dimension	87mm x 55mm x 30mm	87mm x 55mm x 30mm	87mm x 55mm x 30mm	87mm x 55mm x 30mm



- IP68 Body worn camera
- MediaTek Dimensity chipset 4G/5G
- Face recognition/License plate recognition
- Removeable and rechargeable lithium-ion battery



POS Terminals Specification



Product Model	KT-S600	KT-V510	KT-V520
CPU	MTK6762, Octa core@2Ghz	MTK6762, Octa core@2Ghz	MediaTek 6739, Quad core@1.5Ghz
OS Version	Android™12.0	Android™12.0	Android™11.0
Memory	2+16GB	2+16GB	2+16GB
Wireless Bands	2.4G/5G Hz	2.4G/5G Hz	2.4G/5G Hz
Wireless Protocol	802.11 ac/a/b/g/n, wifi 5	802.11 ac/a/b/g/n, wifi 5	802.11 a/b/g/n, wifi 4
Cellular Protocol	4G: TDD-LTE/FDD-LTE	4G: TDD-LTE/FDD-LTE	4G: TDD-LTE/FDD-LTE
LCD	5.5" FHD, 720*1280 IPS	5.5" FHD, 720*1440 IPS	5.0" IPS, 720*1280 IPS
TP	Capacitive multi-touch screen G+G	Capacitive multi-touch screen G+G	Capacitive multi-touch screen G+G
GPS	GPS/Galileo/GLONASS/Beidou	GPS/Galileo/GLONASS/Beidou	GPS/Galileo/GLONASS/Beidou
NFC	✓	✓	✓
Financial functions	✓	-	-
Printer speed	120mm/s	100mm/s	90mm/s
SIM card	Single NANO SIM card	Single NANO SIM card	Single NANO SIM card
Camera	Front: 2mp, Rear: 5mp	Front: 2mp, Rear: 5mp	Front: 2mp, Rear: 5mp
Bluetooth	BT4.1	BT4.1	BT4.2
Battery	7.6V/3100mAh (customized available)	7.6V/2500mAh (customized available)	7.6V/2500mAh (customized available)
Dimension	190 x 80 x 64.5 mm	212 x 78 x 57 mm	178 x 80 x 56 mm



- 58mm line matrix thermal printer
- MediaTek Dimensity chipset 4G
- 5.5-inch IPS screen
- Android™ 12.0 system



Tablets Specification



Product Model	KT-Slim5	KT-X1095TH	KT-X1197TH	KT-X140WF	KT-KP12
CPU	MTK6833, Octa core @2.4Ghz	Octa core1.8GHz	Octa core2.0 GHz	Octa core2.0 GHz	MTK1100, 6nm, Octa core @2.6GHz
OS Version	Android™12.0	Android™13.0	Android™13.0	Android™12.0	Android™12.0
Memory	6+128GB	6+128GB	6+128GB	3+32GB	6+128GB
Wireless Bands	2.4G/5G Hz	2.4G/5GHz	2.4G/5GHz	2.4G/5GHz	2.4G/5GHz
Wireless Protocol	802.11 a/b/g/n/ ac, wifi 5	802.11 a/b/g/n/ac, wifi 5	802.11 a/b/g/n/ac, wifi 5	802.11 a/b/g/n/ac, wifi 5	802.11 a/b/g/n/ ac/ax, wifi 6
Cellular Protocol	5G NR: N1/N41 /N77/N78/N28	4G:TDD LTE FDD LTE; 3G:HSPA+ ,EVDO , GPRS EDGE; 2G:GPRS class 12/EDGE	4G:TDD LTE FDD LTE; 3G:HSPA+ ,EVDO , GPRS EDGE; 2G:GPRS class 12/EDGE	-	5G NR: N1/N41/N77/N78/N28
LCD	10.1" FHD,1200*1920	10.95" FHD,1920*1200 IPS	11.97" FHD,2000*1000 IPS	14.0" FHD,1920*1080 EDP	10.1" FHD,1200*1920 IPS
TP	Capacitive multi-touch screen G+G	Capacitive multi-touch screen G+G	Capacitive multi-touch screen G+G	Capacitive multi-touch screen G+G	Capacitive multi-touch screen G+G
GPS	GPS/Galileo/GLONASS/Beidou	GPS/Galileo/GLONASS /Beidou	GPS/Galileo/GLONASS /Beidou	GPS/Galileo/GLONASS /Beidou	GPS/Galileo/GLONASS /Beidou
G-sensor	3 axis accelerometer	3 axis accelerometer	3 axis accelerometer	3 axis accelerometer	✓
Fingerprint unlock	-	-	-	-	✓
USB	TYPE-C, USB3.0	Type-C,USB 2.0	Type-C,USB 2.0	Type-C,USB 2.0	Type-C,USB 3.0
Speaker	Built-in speakers * 2	Built-in Box speaker * 2	Built-in Box speaker * 2	Built-in Box speaker * 2	Built-in speakers* 2
Camera	Front: 5mp, Rear: 13mp	Front: 5mp, Rear: 13mp	Front: 5mp, Rear: 13mp	Front: 5mp, Rear: 13mp	Front: 8mp, Rear: 20mp
Bluetooth	BT5.1	BT5.0	BT5.0	BT4.2	BT5.1
Battery	3.7V/6000mAh	3.7V/6000mAh	3.7V/7000mAh	3.7V/7000mAh	3.7V/10000mAh
Dimension	250.3 x 158.3 x 8.8mm	265.6 x168 x 7.6mm	279.4 x174.9 x 7.5mm	324.5 x213.4 x 8.4mm	252.7 x171.9 x 13.2mm



- Available in a variety of sizes
- MediaTek Dimensity chipset 4G/5G
- GMS software/Startup LOGO
- Support OEM/ODM service



Notebook Specification



Product Model	KT-141S	KT-156D	KT-160H	KT-156S
CPU	intel Jasper Lake N5095 / N5095A	intel Alder Lake N95	intel Alder Lake N95	intel Jasper Lake N5095 / N5095A
OS Version	win10/win11	win10/win11	win10/win11	win10/win11
Screen Size	14" FHD,1920*1200 IPS, 16: 10	15.6" FHD,1920*1080 IPS, 16: 9	16" FHD,1920*1200 IPS, 16: 10	15.6" FHD,1920*1080 IPS, 16: 9
Memory	8GB+32GB (support customize)	8GB+32GB (support customize)	8GB+32GB (support customize)	8GB+32GB (support customize)
SSD	256GB M.2 2280, SATA and NVME SSD(Optional: 64GB/ 128GB/ 512GB/ 1TB/ 2TB)	256GB M.2 2280, SATA and NVME SSD(Optional: 64GB/ 128GB/ 512GB/ 1TB/ 2TB)	256GB M.2 2280, SATA and NVME SSD(Optional: 64GB/ 128GB/ 512GB/ 1TB/ 2TB)	256GB M.2 2280, SSD
Camera	2MP	2MP	2MP	0.3MP
Wireless Bands	2.4G/ 5G Hz	2.4G/ 5G Hz	2.4G/ 5G Hz	2.4G/ 5G Hz
Wireless Protocol	802.11 a/ b/ g/ n/ ac, wifi 5 , wifi6 optional	802.11 a/ b/ g/ n/ ac, wifi 5 , wifi6 optional	802.11 a/ b/ g/ n/ ac, wifi 5 , wifi6 optional	802.11 a/ b/ g/ n/ ac, wifi 5 , wifi6 optional
RJ45	GIGA LAN, Optional	-	GIGA LAN, Optional	-
Hall Sensor	√	√	√	√
Gravity sensor	-	-	-	-
I/O Port	3*USB Type_A 1*USB Type-C 1*HDMI 1.4 1*DC Ø3.5mm 1*Headphone Ø3.5mm 1*TF card reader	3*USB Type_A 1*USB Type-C 1*HDMI 1.4 1*DC Ø3.5mm 1*Headphone Ø3.5mm 1*TF card reader	3*USB Type_A 1*USB Type-C 1*HDMI 1.4 1*DC Ø3.5mm 1*Headphone Ø3.5mm 1*TF card reader	3*USB Type_A 1*USB Type-C 1*HDMI 1.4 1*DC Ø3.5mm 1*Headphone Ø3.5mm 1*TF card reader
Speaker	8Ω 1W *2	8Ω 1W *2	8Ω 1W *2	8Ω 1W *2
Bluetooth	BT4.2	BT4.2	BT4.2	BT4.2
Opening angle	Clamshell 180°	Clamshell 180°	Clamshell 135°	Clamshell 180°
Battery	Li-polymer Battery, 7.7V/5000mAh,38.5Wh	Li-polymer Battery, 7.7V/5000mAh,38.5Wh	Li-polymer Battery, 7.7V/5000mAh,38.5Wh	Li-polymer Battery, 7.7V/5000mAh,38.5Wh
Weight	1.4kg	1.5kg	1.5kg	1.5kg
Dimension	314.4 x 220 x 19.9mm	357.4 x 229.5 x 19.2mm	362 x 251.4 x 18.5mm	358 x 228 x 19.8mm



- Versatile customization,include SSD/CPU
- Thin, light and portable, comfortable in hand
- intel 11th/12th generation N5095 and N95 CPUs
- GMS software/Startup LOGO

Propel Your Business Into The Future With 5G



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5G hello



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