





Model	NL-101	M1-PRO Pancake Solution	Particle Pancake Solution	Quantum Pancake Solution
Design				
Type	6DoF	Virtual Screen	3DOF	6DOF
CPU	Qualcomm®Snapdragon™ 845	/	Qualcomm XR1	Qualcomm XR2
Pannel	PPI:807	Fast-LCD PPI:1058	Fast-LCD PPI:1058	
Resolution	3840*2160	1600*1600*2	1600*1600*2	4K
FPS	72Hz	60Hz	75Hz	90Hz
FOV	101°	70°	96°	96°
Lens type	aspherics	Pancake	Pancake	Pancake
Special Optical Feature	/	0-700° myopia adjustable	0-800° myopia adjustable	0-800° myopia adjustable
Battery	4500mAh (Extend to 9000mAh with Battery Belt)	Li-ion 8000mAh	Li-ion 4000mAh	5000-5500mAh
BT	BT5.0	BT4.0	BT5.0	BT5.0
Wifi	802.11 a/b/g/n/ac, dual- band (2.4+5.0GHz)	802.11 a/b/g/n/ac, dual- band (2.4+5.0GHz)	802.11b/g/n/ac	Wi-Fi 6
Sensor	Gravity Sensor, Compass, Gyroscope, Ultrasound Sensor, Range Sensor	/	1 KHz 9 axis sensor、 Opstical distance sensor	9axisIMU ( Gyroscopes, accelerometer, magnetometer), Proximity sensor× 1
Audio	Width Mini speaker	3.5inch headphone port built-in microphone	Width Mini speaker,3.5inch headphone port	HAS mic and supports eliminate echo
RAM	6GB	/	3G/4G/6G	6G/8G
ROM	64GB	/	EMMC 32/64/128GB/256G	128G/256G UFS 3.0
SD card up to	256G	/	256G	/
Weight	390g(host)	117g(host)	250g (all-in-one)	Less than 300g (All-in-One)