

FEATURE / FUNCTION	PWA	NATIVE APPS	COMMENT
GLOBAL DIFFERENCES			
Shareable code	✓	✗	
No download required	✓	✗	
Bypass App & Google stores	✓	✗	
Linkable & Shareable	✓	✗	
Indexed by Google	✓	✗	
Low data requirements	✓	✗	
Requires no updates	✓	✗	
Full unlimited access to phone hardware	✗	✓	PWA access to sensors is limited by browser support. However, PWAs submitted to App Store in a wrapper with native components (Hybrid Apps) have hardware access similar to Native Apps, e.g., including NFC.
CAMERA & MICROPHONE			
Audio and video capture	✓	✓	
Advanced camera controls	✓	✓	
Recording media	✓	✓	
Real-time communication	✓	✓	
NATIVE BEHAVIOR			
Local notifications	✓	✓	- Originate from server - Single shot
Push messages	✓	✓	- Originate from your App - Scheduled & Repeatable
Home screen installation	✓	✓	
Foreground detection	✓	✓	
Permissions	✓	✓	PWA: browser level permissions
SEAMLESS EXPERIENCE			
Offline mode	✓	✓	
Background sync	✓	✓	limited on iOS
Payments	✓	✓	
Credentials	✓	✓	
Inter-app communication	✗	✓	

LOCATION & POSITION			
Geolocation	✓	✓	
Device Search & Siri suggestions	✓	✓	
Device positioning	✓	✓	
Device motion	✓	✓	
Proximity sensors	✓	✓	
SURROUNDINGS			
Bluetooth	✓	✓	
USB	✓	✓	Allows Web applications to interact with the USB-compatible devices available in the system
NFC	✗	Android - fully iOS - partly	NFC can be supported with PWA submitted to App stores, not PWA saved to homescreen via browser
DEVICE FEATURES			
Network type & speed	✓	✓	
Online state	✓	✓	
Battery status	✓	✓	
Device memory	✓	✓	
Vibrations	✓	✓	
INPUT			
Touch gestures	✓	✓	
Speech recognition	✓	✓	
Clipboard (Copy/Paste)	✓	✓	
Pointing device adaptation	✓	✓	
SCREENS & OUTPUT			
Virtual and Augmented reality	not recommended, too heavy	✓	
Full screen	✓	✓	
Screen orientation & Lock	✓	✓	
Presentation features	✓	✓	