

## XIAOMI Inc. : Portfolio Report

### Introduction

Headquartered in Beijing, Xiaomi Inc. is a privately owned Chinese electronics company. It was founded in 2010. The company is known for designing, developing, and selling smartphones, mobile apps, laptops, and related consumer electronics. Xiaomi ended 2015 in fifth place in the smartphone market - behind Samsung, Apple, Huawei and Lenovo.<sup>[1]</sup>

Xiaomi launched its first smartphone in 2011. It initially gained significant market share in mainland China and subsequently moved into other markets. Xiaomi has expanded its product portfolio to include a wider range of consumer electronics - including a smart home (IoT) device ecosystem. The company has over 8,000 employees and revenues of around US\$ 12.5 billion (2015).<sup>[1]</sup>

In 2016, patents from Intel, Broadcom, Intel, Casio, and Microsoft were acquired by Xiaomi.<sup>[2]</sup> Its long-term strategic partnership with Microsoft included the acquisition of 1500 patents as well as a cross-licensing arrangement. The company is also committed to installing copies of Microsoft software, including Office and Skype, on its phones and tablets.<sup>[3]</sup>

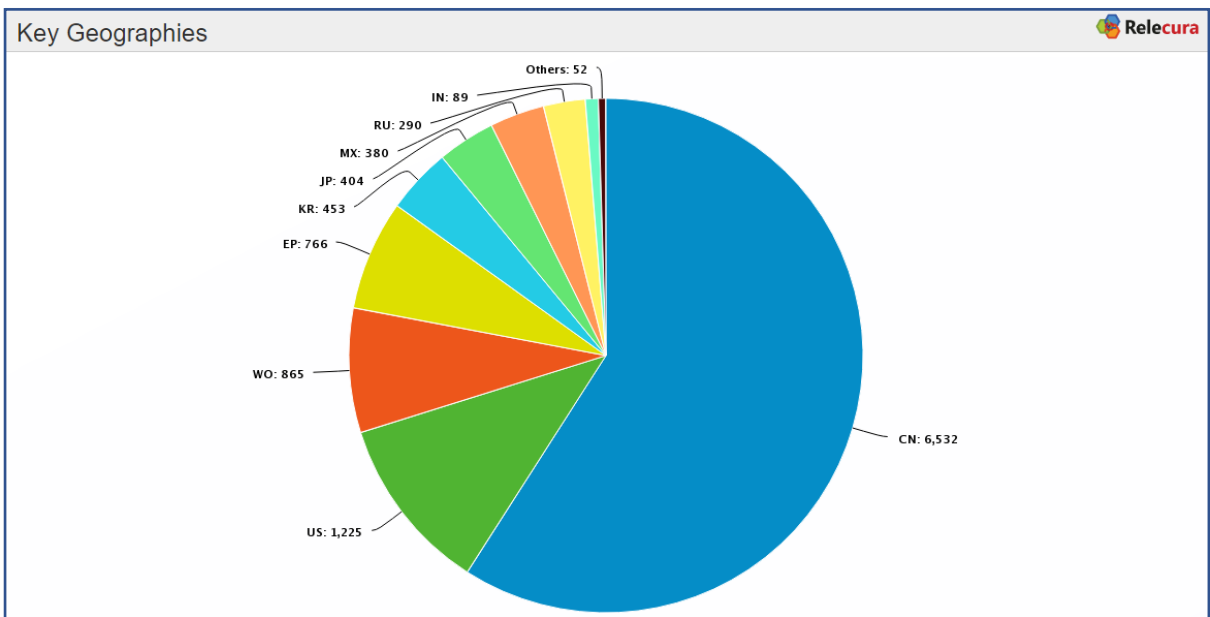
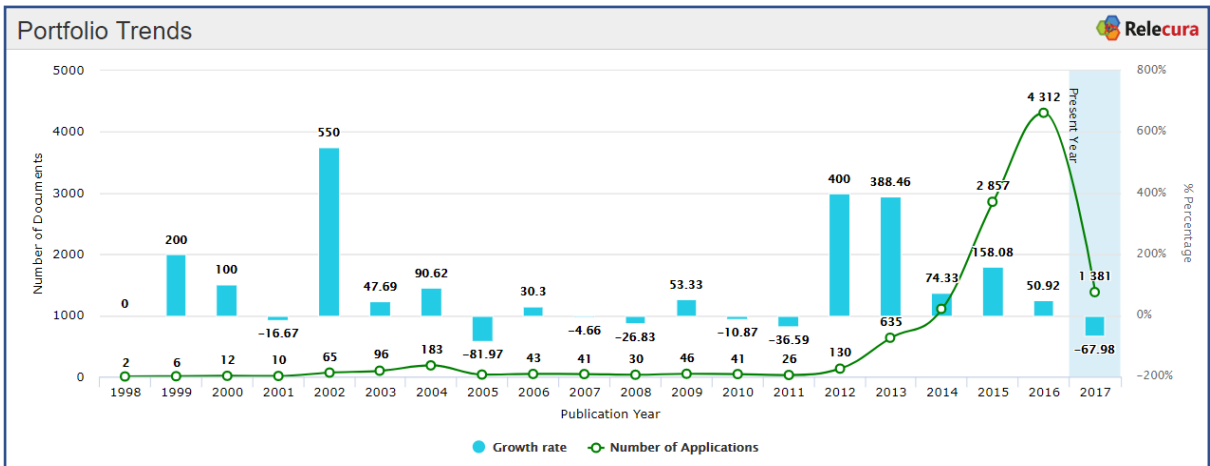
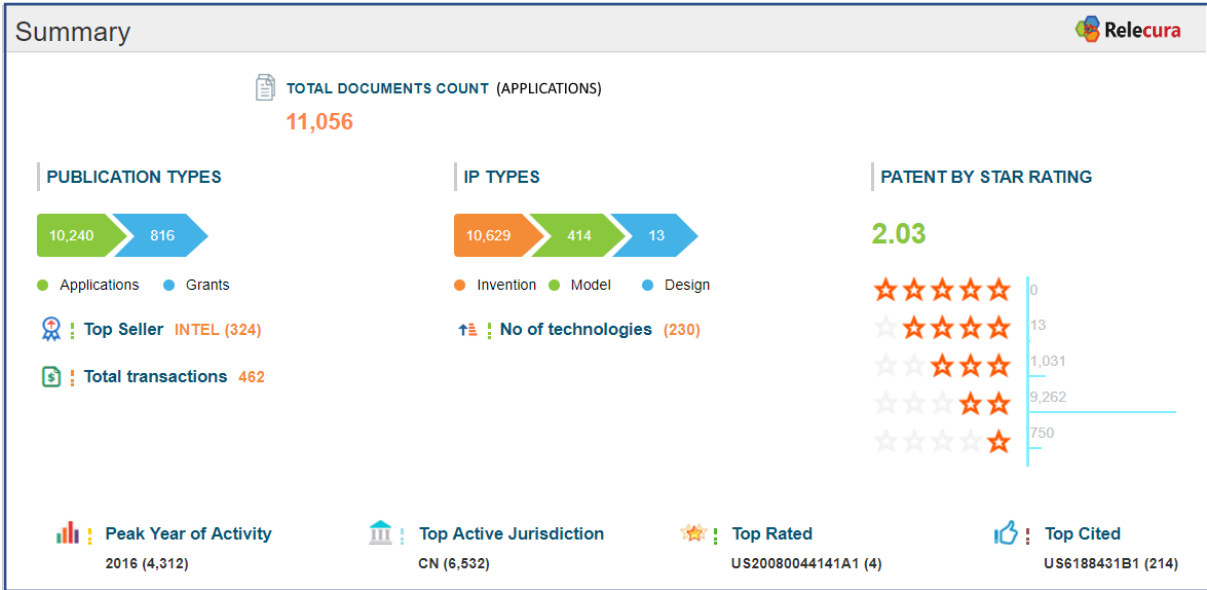
Reports suggest that Xiaomi is planning to launch in the U.S. and Europe by the end of 2017 and is hence looking to bolster its patent portfolio prior to entering the highly litigious smartphone markets in the US and Europe.<sup>[4]</sup>

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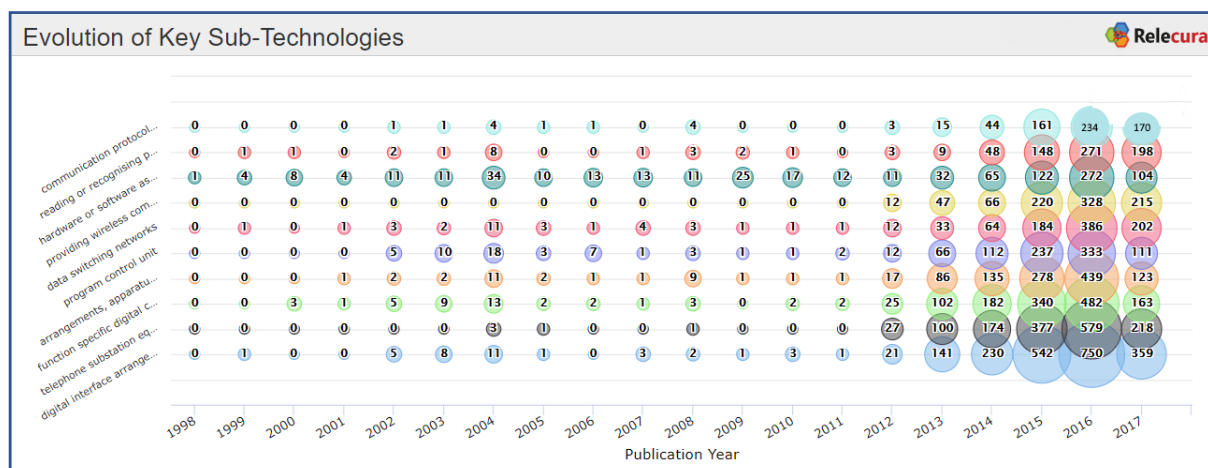
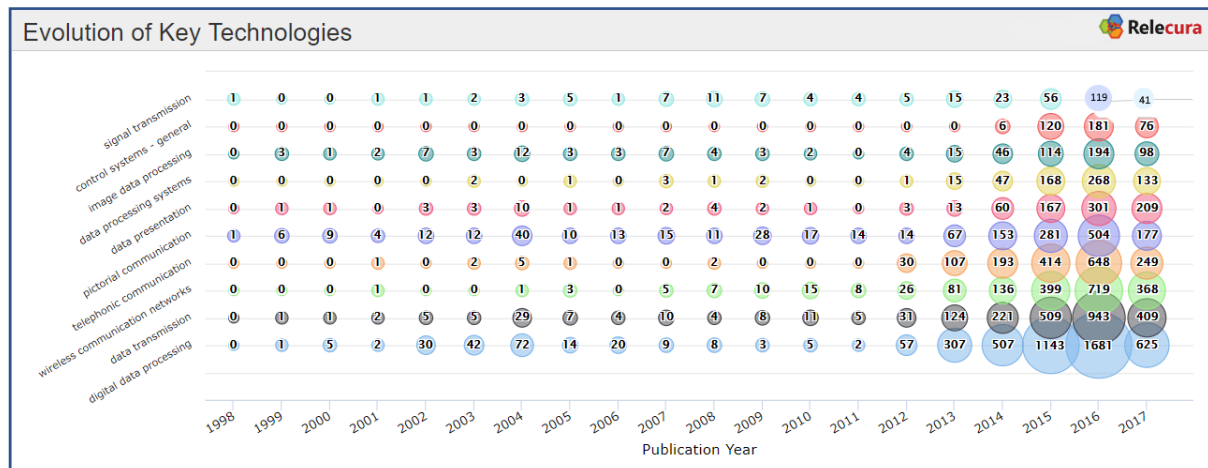
### Sources

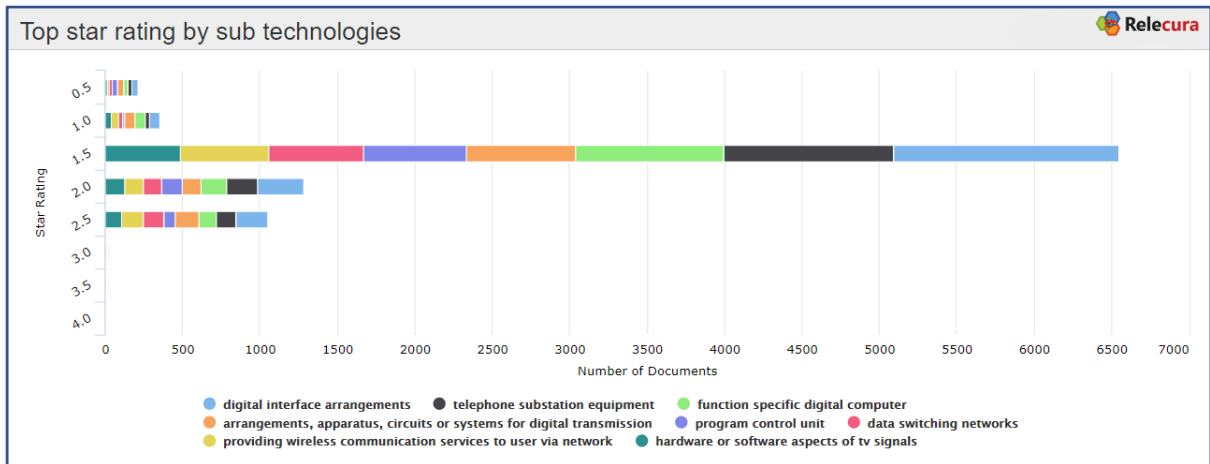
- [1. Xiaomi \(Wikipedia\)](#)
- [2. Xiaomi continues patent purchases \(IAM Blog\)](#)
- [3. Microsoft sells patents to Xiaomi \(Reuters\)](#)
- [4. Xiaomi plans US launch by 'end of 2017' \(CNET\)](#)



### Analysis of Key Technologies

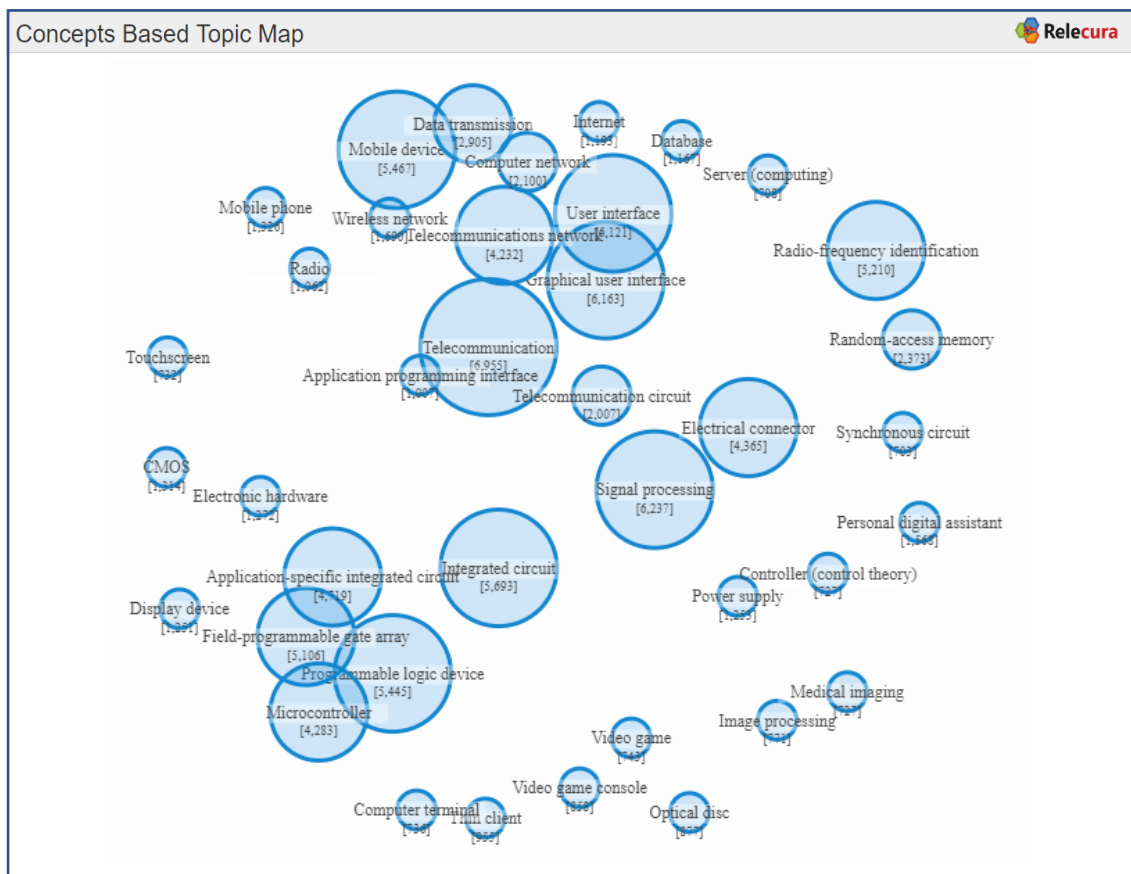
Technologies	Applications	Grants	Sub Technologies	Geographies
digital data processing	4364	169	digital interface arrangements (2073) , function specific digital computer (1333) , program control unit (916) , data security and security of computers and components (545) , telephone substation equipment (525)	CN (2400) , US (533) , WO (415) , EP (332) , JP (230)
data transmission	2238	91	arrangements, apparatus, circuits or systems for digital transmission (1095) , data switching networks (901) , communication protocols supporting network applications (635) , providing wireless communication services to user via network (412) , architecture for network security (386)	CN (1104) , US (305) , WO (268) , EP (215) , KR (129)
wireless communication networks	1703	76	providing wireless communication services to user via network (888) , security arrangements, authentication, protecting privacy for wireless communication (441) , telephone substation equipment (360) , arrangements, apparatus, circuits or systems for digital transmission (315) , wireless connection management (298)	CN (828) , US (220) , WO (209) , EP (186) , KR (102)
telephonic communication	1575	77	telephone substation equipment (1478) , digital interface arrangements (343) , providing wireless communication services to user via network (279) , automatic or semi-automatic telephone exchanges (250) , telephonic subscriber devices (161)	CN (857) , WO (158) , US (146) , EP (124) , JP (121)
pictorial communication	1263	125	hardware or software aspects of tv signals (776) , interactive tv, video on demand (543) , digital interface arrangements (224) , generation, transmission, storage, reproduction of documents or pictures, storage or transmission aspects of cameras (198) , tv systems (194)	CN (637) , US (172) , WO (129) , EP (111) , JP (94)



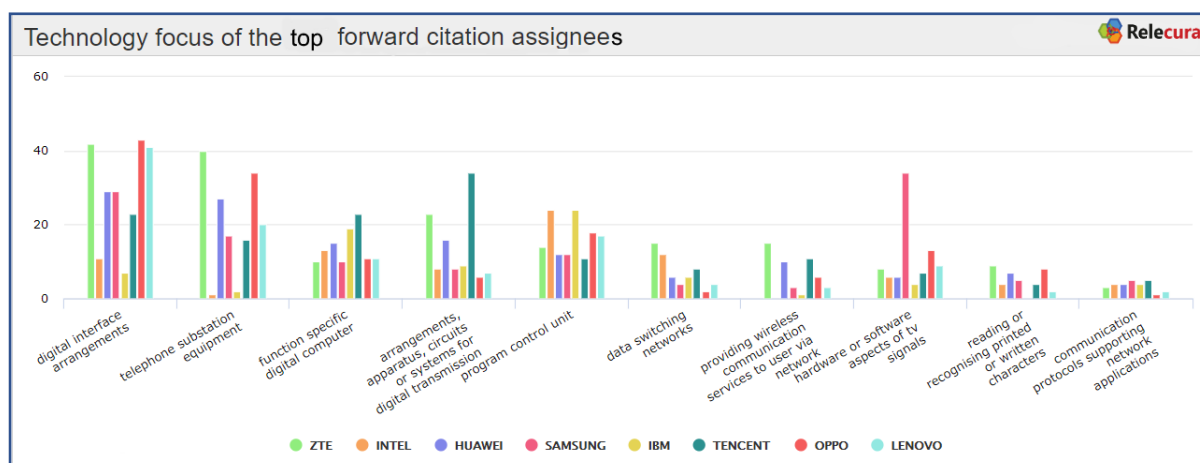


### Key Patents in portfolio

Publication No.	Title	Inventor	Filing Date	Star Rating	#Fwd Citations
US9402124B2	Method for controlling terminal device and the smart terminal device thereof	Xu Zhang	2014-01-24	4.0	29
US20080044141A1	Monolithic active optical cable assembly for data device applications and various connector types	Thomas G. Willis, Sylvia Downing, George Hayek, Jesse Chin, William H. Wang, Darren S. Crews, Brian H. Kim	2006-08-21	4.0	136
USD749097S1	Display screen or portion thereof with a graphical user interface	Yuekun Zou, Hao Yang, Ying Wang	2014-06-26	3.5	31
US6718440B2	Memory access latency hiding with hint buffer	Subramaniam Maiyuran, Vivek Garg, Mohammad A. Abdallah, Jagannath Keshava	2001-09-28	3.5	141
US6188431B1	Electronic still camera and method for communication between electronic still cameras	OIE MASAHIRO	1997-02-13	3.5	214



Top Forward Citation Assignees	
Assignee	Number of documents
ZTE	216
INTEL	186
HUAWEI	154
SAMSUNG	152
IBM	130
TENCENT	126
OPPO	120
LENOVO	119



Key Acquisitions (based on recorded assignments)		
Acquired from	Number of Applications	Technologies
INTEL	324	digital data processing (152) , data transmission (55) , electric elements - semiconductor devices (44) , printed circuits (33) , measurement - electric & magnetic variables (24)
CASIO	59	pictorial communication (56) , image data processing (9) , digital data processing (8) , data presentation (6) , information storage (5)
INST OF TELECOMMUNICATION SCIENCE AND TECHNOLOGY	21	wireless communication networks (28) , data transmission (18) , signal transmission (18) , multiplex communication (4) , communication switches & relays (2)
DATANG MOBILE	20	wireless communication networks (27) , data transmission (17) , signal transmission (16) , multiplex communication (5) , communication switches & relays (2)
BROADCOM	3	wireless communication networks (3) , data transmission (1) , signal transmission (1)

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