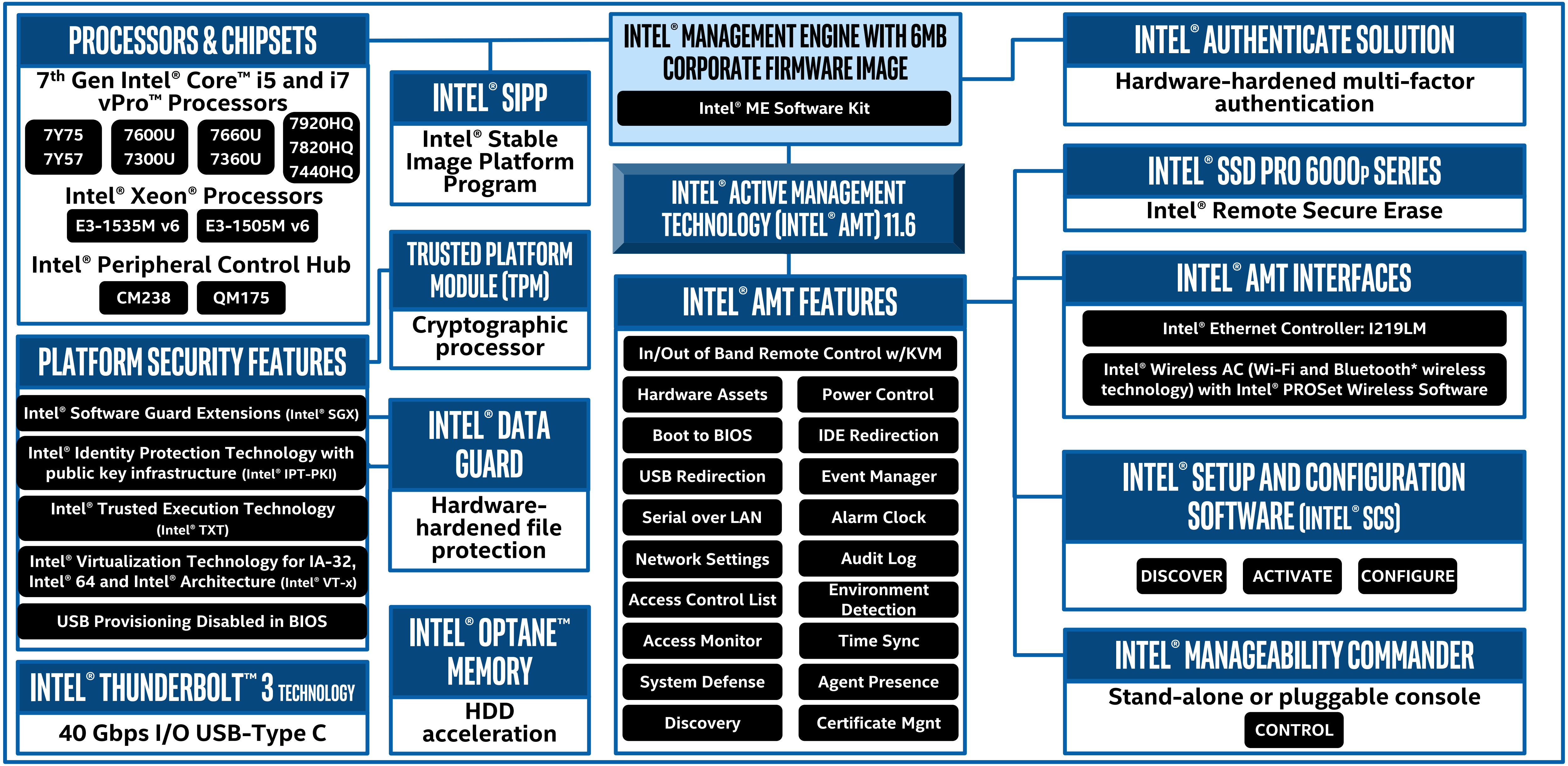
TECHNICAL REFERENCE

2017 Intel® vPro™ Platform Specification: MOBILE

Fully-Realized Platform Inclusive of Requirements and Recommendations



PROCESSORS & CHIPSETS

7th Gen Intel® Core™ i5 and i7 vPro™ Processors

7Y75 7Y57 | 7600U 7300U | 7660U 7360U | 7920HQ 7820HQ 7440HQ

Intel® Xeon® Processors

E3-1535M v6 | E3-1505M v6

Intel® Peripheral Control Hub

CM238 | QM175

PLATFORM SECURITY FEATURES

- Intel® Software Guard Extensions (Intel® SGX)
- Intel® Identity Protection Technology with public key infrastructure (Intel® IPT-PKI)
- Intel® Trusted Execution Technology (Intel® TXT)
- Intel® Virtualization Technology for IA-32, Intel® 64 and Intel® Architecture (Intel® VT-x)
- USB Provisioning Disabled in BIOS

INTEL® THUNDERBOLT™ 3 TECHNOLOGY

40 Gbps I/O USB-Type C

INTEL® SIPP

Intel® Stable Image Platform Program

TRUSTED PLATFORM MODULE (TPM)

Cryptographic processor

INTEL® DATA GUARD

Hardware-hardened file protection

INTEL® OPTANE™ MEMORY

HDD acceleration

INTEL® MANAGEMENT ENGINE WITH 6MB CORPORATE FIRMWARE IMAGE

Intel® ME Software Kit

INTEL® ACTIVE MANAGEMENT TECHNOLOGY (INTEL® AMT) 11.6

INTEL® AMT FEATURES

In/Out of Band Remote Control w/KVM

Hardware Assets	Power Control
Boot to BIOS	IDE Redirection
USB Redirection	Event Manager
Serial over LAN	Alarm Clock
Network Settings	Audit Log
Access Control List	Environment Detection
Access Monitor	Time Sync
System Defense	Agent Presence
Discovery	Certificate Mgnt

INTEL® AUTHENTICATE SOLUTION

Hardware-hardened multi-factor authentication

INTEL® SSD PRO 6000P SERIES

Intel® Remote Secure Erase

INTEL® AMT INTERFACES

- Intel® Ethernet Controller: I219LM
- Intel® Wireless AC (Wi-Fi and Bluetooth* wireless technology) with Intel® PROSet Wireless Software

INTEL® SETUP AND CONFIGURATION SOFTWARE (INTEL® SCS)

DISCOVER | ACTIVATE | CONFIGURE

INTEL® MANAGEABILITY COMMANDER

Stand-alone or pluggable console

CONTROL