Challenges at the Intersection of Law and Tech

Part I – Trust and IP

CS50 for JDs

Winter Term 2019

Agenda

- Trust models
- Open-source software / licensing
- IP issues around software
- Dealing with emergent technologies

Trust models

Reflections on Trusting Trust

Samsung SmartTV Privacy Policy Supplement

Intel Management Engine

SATA Connector (x4)

BIOS Flash Chip
in PLCC Socket

Southbridge
(with heatsink)

Floppy Drive
Connector

IDE Connector (x2)

CMOS Backup Battery

24-pin ATX Power
Connector

Integrated graphics
processor
(with heatsink)

Super IO
Chip

PCI Slot (×3)

DIMM Memory
Slots (×4)

CPU Fan
Connector

CPU Fan &
Heatsink Mount

Integrated audio
codec chip

Integrated Gigabit
Ethernet chip

CPU Socket
(Socket 939)

PCI Express Slot

Connectors For
Integrated Peripherals

PS/2 Keyboard and Mouse, Serial Port,
Parallel Port, VGA, Firewire/IEEE 1394a,
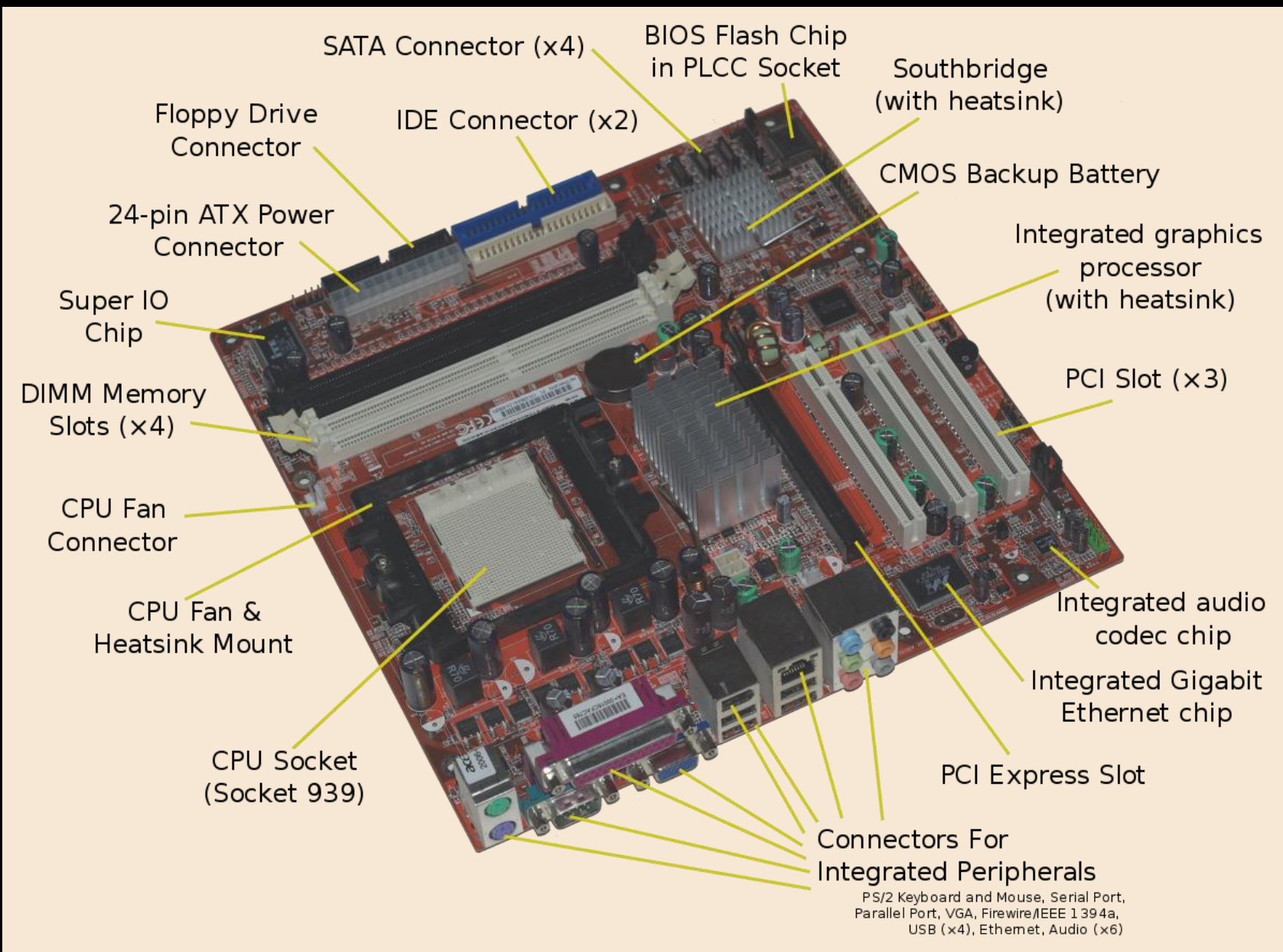USB (×4), Ethernet, Audio (×6)

Image source: WikiMedia

Open-source software and licensing

GPLv3

LGPLv3

MIT License

Other licenses

IP issues with software

17 U.S.C. §§101—102

Gottschalk v. Benson

409 U.S. 63 (1972)

Binary-Coded Decimal

BCD	Decimal
0000	0
0001	1
0010	2
0011	3
0100	4

BCD	Decimal
0101	5
0110	6
0111	7
1000	8
1001	9

Binary-Coded Decimal

BCD	Decimal
00000001	1
00010000	10
01000010	42
01010000	50
10011001	99

Binary-Coded Decimal

Binary	Decimal
00000001	1
00010000	16
01000010	66
01010000	80
10011001	153

Dealing with emergent technologies

Dealing with ~~emergent~~ disruptive technologies

3D Printing

Guns, Limbs, and Toys: What Future for 3D Printing?

The Law and 3D Printing
31 J. Marshall J. Info. Tech. & Privacy K. 505 (2015)

Virtual and Augmented Reality (VR/AR)

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