Setting up TV and "PC on a Stick"

How To, Tips, and Lessons Learned
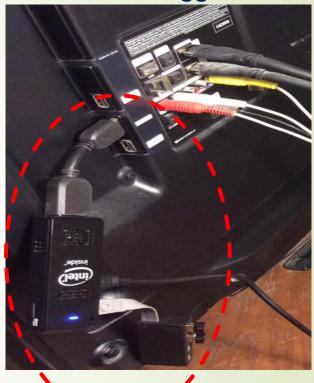
BLUF (Bottom Line Upfront)

HDMI-Capable TV (and Sound Bar)

'Stick PC' etc Plugged Into TV

**Wireless Keyboard
and Mouse on 'Lapboard'
on Chair in front of TV**

What I'll Talk About:

- **Assumptions**
- **Assembly**
- **Architecture**
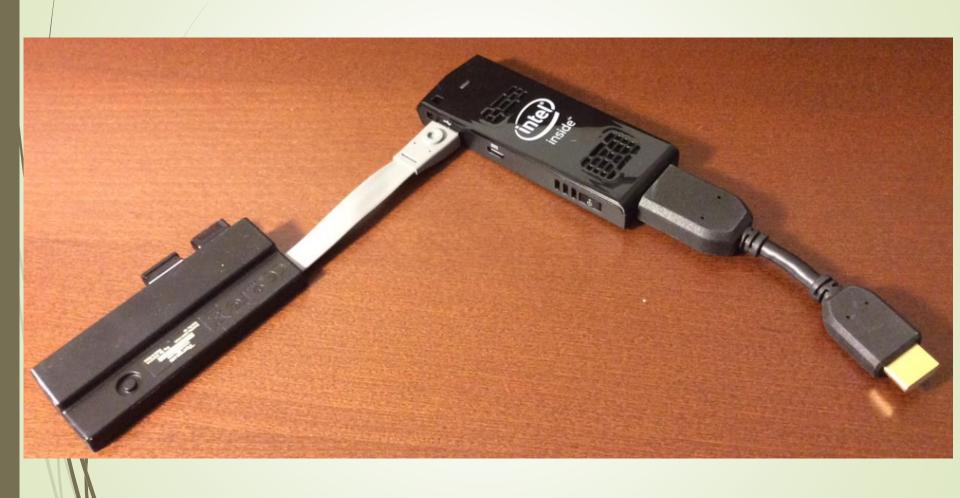- **Activities**
- **Analysis**

Assumptions

- You have a TV With an open HDMI Port.
- You have an Electric Outlet Near the TV.
- You have at least some Knowledge of Windows 10 (or are willing to give it a try).
- You want to do Computer Work while sitting in front of your HDMI-capable TV, and using your TV as a Large Smart Monitor.
- Optional: You have a Wireless Internet Modem and an Internet Connection

Assembly – What To Get

- **Intel ® Compute Stick - Comes With:**
  - **Computer (including Windows 10 and Wireless Transceivers for WiFi and Wireless Dongles)**
  - **Short HDMI Extender Cable**
  - **AC Adapter**
- **Wireless Keyboard With Built-In Touchpad**
  - **Low-end Compute Stick only has 1 USB 2.0 slot**
- **Micro SD Card (Optional)**
  - **All Compute Sticks accommodate 8GB to 128GB Micro SD Cards**
- **USB 2.0/USB 3.0 Hub (2, 4, 6, etc. slots) (Optional)**
  - **Plug into Compute Stick USB slot to use more USB Devices/Dongles**
- **Separate Wireless Keyboard and Wireless Mouse (Optional)**
  - **USB Hub would allow for Keyboard and Mouse vs Keyboard/Touchpad**
- **USB WebCam (Optional)**
  - **USB Hub would accommodate**
- **Lap Desk (Optional)**
  - **One that will accommodate Wireless Keyboard/Touchpad or separate Keyboard and Mouse**
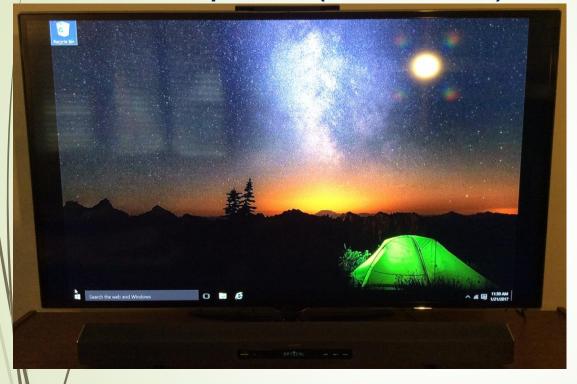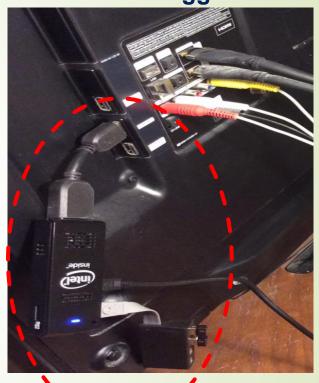
Architecture

Architecture

Architecture

HDMI-Capable TV (and Sound Bar)   **'Stick PC' etc Plugged Into TV**

**Wireless Keyboard
and Mouse on 'Lapboard'
on Chair in front of TV**

Activities (Not a Complete List)

- Surf the Internet with Any HDMI TV (not just a Smart TV).

- Stream From the Internet from any HDMI TV.

- Even with a Smart TV, surf the Internet—without having to use your Remote to Search and Surf.

- Share any Application, File, or Internet Site in a Living Room Big Screen TV manner.

- Skype, Facetime, etc. with plenty of room for everyone.

- A Pretty good "Fix It Up and Forget It" set-up for Loved Ones.

Analysis (Lessons Learned)

- **The low-end Compute Stick models will let you surf the Internet—but don't stream content worth a darn.**
  - **The higher end models handle streaming no problem.**
- **Nice to find a 'Plug and Play' Windows 10 computer**
  - **But, it's still Windows 10…**
  - **March through all the set-ups, settings, and preferences—before turning it over to Loved Ones!**
  - **It might not keep you from becoming the Help Desk. But, the set-up is easy enough to maybe postpone it.**
- **Have Fun!**
  - **Like me, I think you'll always discover new uses.**

Back-Up Slides

Product Specifications

	Processor	RAM	eMMC*	Wi-Fi* / Bluetooth*	HDMI*	4K	USB 3.0	OS	Intel® vPro™ Technology
STK2MV64CC	Intel® Core™ m5-6Y57 vPro™ processor	4GB	64GB	Yes	Yes	Yes	3		Yes
STK2M3W64CC	Intel® Core™ m3-6Y30 processor	4GB	64GB	Yes	Yes	Yes	3	Windows® 10	
STK2M364CC	Intel® Core™ m3-6Y30 processor	4GB	64GB	Yes	Yes	Yes	3		

4.5 INCHES

Intel® STK1A32SC Z3735F 1.44GHz USB Black	**Intel® BLKSTK2M364CC m3-6Y30 USB Black stick PC**	**Intel® STK2mv64CC m5-6Y57 1.1GHz USB Black**	**Intel® STK2m3W64CC Intel® Core™ m3-6Y30 0.9GHz**
From **$123.24**	From **$268.51**	From **$485.00**	From **$352.17**
VIEW DETAILS	VIEW DETAILS	VIEW DETAILS	VIEW DETAILS
Remove	Remove	Remove	Remove
Processor Number			
Atom x5-Z8300	m3-6Y30	Intel Core m5-6Y57	Intel Core m3-6Y30
CPU Speed			
1.44 GHz	–	1.1 GHz	0.9 GHz
Cores/Threads			
4	2	2	2
Cache			
2 MB	4 MB	4 MB	4 MB
Silicon			
14 nm	14 nm	14 nm	14 nm

Intel® STK1A32SC Z3735F 1.44GHz USB Black	Intel® BLKSTK2M364CC m3-6Y30 USB Black stick PC	Intel® STK2mv64CC m5-6Y57 1.1GHz USB Black	Intel® STK2m3W64CC Intel® Core™ m3-6Y30 0.9GHz
From **$123.24**	From **$268.51**	From **$485.00**	From **$352.17**
Intel HD Audio Technology			
Y	N	Yes	Y
Color			
Black	Black	Black	Black
Intel® 64			
Y	Y	Yes	-
Intel® VPro Technology			
N	N	Yes	N
Intel® Small Business Advantage			
-	Y	Yes	Y

Intel® STK1A32SC Z3735F 1.44GHz USB Black	Intel® BLKSTK2M364CC m3-6Y30 USB Black stick PC	Intel® STK2mv64CC m5-6Y57 1.1GHz USB Black	Intel® STK2m3W64CC Intel® Core™ m3-6Y30 0.9GHz
From **$123.24**	From **$268.51**	From **$485.00**	From **$352.17**
Intel® VPro Technology			
N	N	Yes	N
Intel® Small Business Advantage			
-	Y	Yes	Y
Intel HD Audio Technology			
Y	N	Yes	Y
Memory			
2048 MB	4096 MB	4096 MB	4096 MB
Internal Memory Type			
DDR3L	LPDDR3	LPDDR3	LPDDR3
RAM Speed			
1600 MHz	1866 MHz	1866 MHz	1866 MHz

Intel® STK1A32SC Z3735F 1.44GHz USB Black	Intel® BLKSTK2M364CC m3-6Y30 USB Black stick PC	Intel® STK2mv64CC m5-6Y57 1.1GHz USB Black	Intel® STK2m3W64CC Intel® Core™ m3-6Y30 0.9GHz
From **$123.24**	From **$268.51**	From **$485.00**	From **$352.17**
Bluetooth*			
Y	Y	Yes	Y
Wi-Fi standards			
802.11ac	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11b, IEE...	802.11a, 802.11ac, 802.11b, 802.11g, 802.11n	IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g, IEE...
OS			
-	-	-	Windows 10
Storage Media Type			
-	-	eMMC	eMMC

Intel® STK1A32SC Z3735F 1.44GHz USB Black	Intel® BLKSTK2M364CC m3-6Y30 USB Black stick PC	Intel® STK2mv64CC m5-6Y57 1.1GHz USB Black	Intel® STK2m3W64CC Intel® Core™ m3-6Y30 0.9GHz
From **$123.24**	From **$268.51**	From **$485.00**	From **$352.17**
Weight			
-	-	-	60.2 g
Z-Height			
113 mm	-	()	114 mm
Width			
38 mm	-	()	38 mm
Depth			
12 mm	-	()	12 mm