

Executive Summary

Raid 0 and Raid 1 can be allocated on Elo computers X5 & X7 versions; default configuration is Raid 0 (uses the SSD/HDD as a separate volumes) while Raid 1 integrates the 2 SSD/HDD into a source and backup drive configuration. the steps to achieve that are next.

Guidelines

- 1. Install the 2 hard drives into the appropriate slots of the X5-7 series.
- 2. Once installed, start the computer and access the BIOS tapping the Setup button during the Elo Flash screen to obtain something like this

BIDS Information		
HIGS Vendor Care Version Care Version Compliancy Project Version Build Date and Time System Product Name System Manufacture Chassis Manufacture System Serial Number MAC Address System Data System Time	American Megatrends 4.6.5.4 0.35 x64 UEFI 2.3.1; PI 1.2 OMS SA20407X035 08/14/2018 14:30:42 Elo AiO Elo Touch Solutions Elo Touch Solutions To be filied by 0.E.M. 00-05-ab-35-14-54 [Tue: _/04/2020] [20:13:39]	Set the Date. Use Tab to switch between Date elements.
Intel(R) Core(TM) 15-4590T Cl CPU Speed Memory Information Memory Frequency Total Memory	PU @ 2.006Hz 2600MHz 1600 Mhz 8192 MB (DDR3)	<pre>tri delect Screen twollars Select Item twollars Select Item w/-: Change Opt. fl: General Help F2: Previous Values</pre>
Touch Screen Type Touch Controller	TouchPro PCAP E161065 CTR-150000-PC-USB-00-R	F3: Optimized Defaults F4: Save 8 Exit
UUID	03000200-0400-0500- 0006-000700080009	PROPERTY CLIPPE BALL
Access Level	liser	and the second s

3. When in the BIOS menu, move to the Advanced option and then select SATA Configuration



Elo Touch Solutions, Inc. | 670 N. McCarthy Blvd, Milpitas, CA 95035 | 1-800-557-1458 | Support@elotouch.com ©Copyright 2020 Elo Touch Solutions, Inc. Confidential & Proprietary, Subject to NDA.



How to configure Raid 1 on a X5-X7 Elo device	TB000116	REV. A

4. Inside the SATA configuration move to SATA Mode Selection (default value is AHCI) hit Enter and then select RAID

SATA Controller(s) SATA Mode Selection Aggressive LPM Support SATA Controller Speed	[Enabled] [AHCI] [Enabled] [Default]	Determines how SATA controller(s) operate.
Serial ATA Port 0 Software Preserve Port 0 Hot Plug SATA Device Type Sofi Uo Device Serial ATA Port 1 Software Preserve Port 1 Hot Plug SATA Device Type Spin Up Device	KINGSTON SV300 (120.068) SUPPORTED [Enabled] [Oisabled] [Solid State Drive] SATA Hode selection ARCI RAID [Disabled]	tti Salesi Screen (UGLick: Select Item MTAr2001 Dilck: Select MTAr2001 Dilck: Select
		3: Optimized Defaults 47 Save & Exit SC/Right Click: Exit
Version 2.15.123 Aptio Setup Ut	i6, Copyright (C) 2012 American Mega 	trends, Inc.
Aptio Setup Ut Advanced SATA Controller(s) SATA Hode Selection Aggressive LPM Support SATA Controller Speed	6, Copyright (C) 2012 American Mega :ility - Copyright (C) 2012 Ameri [Enabled] [Enabled] [Default]	trends, Inc. Can Megatrends, Inc.
Aptio Setup Ut Advanced SATA Controller(s) SATA Controller(s) SATA Controller Speed Serial ATA Port 0 Software Preserve Port 0 Hot Plug SATA Device Type Serial ATA Port 1 Software Preserve Port 1 Hot Plug SATA Device Type Spin Up Device	<pre>is. copyright (C) 2012 American Mega illity = Copyright (C) 2012 Ameri [Enabled] [AACT] [Enabled] [Default] KINGSTON SV300 (120.0GB) SUPPORTED [Enabled] [Disabled] [Solid State Drive] TOE AACI RAID [Disabled]</pre>	trends, Inc.



How to configure Raid 1 on a X5-X7 Elo device	TB000116	REV. A
---	----------	--------

5. Once the Raid option is selected, move to the SATA Device Type and select the appropriate type of drive (Solid State Driver or Hard Drive Device).

N SV300 (120.0GB) ED d] ed] State the way ed]
SD3705 (128.06B) ED IV/Olick: Select Yen IV/Olick: Select ed] Ed] Ed] Ed] Ed] Ed] Ed] Ed] E

6. Once these changes have been made, save the changes on the BIOS and let the boot starts, when you see the following screen, hit Ctrl-I to access the Raid Volumes menu

Intel(R) Rapid Storage Technology - Option ROM Copyright(C) 2003-13 Intel Corporation. All Rig	- 12.5.0.1815 yhts Reserved.
RAID Volumes: None defined.	
Physical Devices: ID Device Model Serial # Ø KINGSTON SV300S3 50026B7364036020 1 TS128GSSD370S C756320016 Press KCTRL-IN to enter Configuration Utility	Size Type/Status(Vol ID) 111.7GB Non-RAID Disk 119.2GB Non-RAID Disk

Elo Touch Solutions, Inc. | 670 N. McCarthy Blvd, Milpitas, CA 95035 | 1-800-557-1458 | Support@elotouch.com ©Copyright 2020 Elo Touch Solutions, Inc. Confidential & Proprietary, Subject to NDA.



How to configure Raid 1 on a X5-X7 Elo device	TB000116	REV. A
---	----------	--------

7. When the menu is accessed, the following screen will be displayed



8. Configure the drives to work as Raid 1 and according your needs, save them and let the computer completes the regular booting.

If you need additional information or support, please contact us at +1-865.329-7869 or write us at <u>support@elotouch.com</u>.