PORTAPUP - Sony VAIO VGN-P11Z/Q

Depression level: 3/10

Specs

Component	Make and Model	Specifications and Capabilities
System, CPU	Intel Atom Z520	x86, 133MHz External, 1.33GHz Clock, 533MHz FSB, 512K L2 Cache, 56K L1 Cache, supp. HT, VTx, SpeedStep
System, Memory, Bank 0	Unknown	2GiB, SODIMM form factor, DDR2, unknown speed
System, Motherboard	Sony VGN-P11Z_Q / PGC-1P1M	Proprietary expansion port (VGA, Ethernet Magjack), 2x USB-A, 1x DC In, 1x TRS 3.5mm Jack, 1x SD slot, 1x MemoryStick Pro Duo slot, 1x Mini-SIM slot, 1x 7-pin battery port
System, Motherboard, Firmware	BIOS - Insyde “H2O”	“UEFI Ready”, R1250U3
Power, Input	Sony VGP-something	AC 120-240V, DC 10.5V
Power, Battery	Sony VGP-BPS15/B	17Wh
PCI, Host Bridge	Intel US15W/US15X SCH	33MHz clock, PCI Express 1.0a or 1.1, 2* x1 lanes, max. 1 mem channel, max. 2GiB mem., 8 USB2 ports
Network, Wired	Marvell 88E8057 PCIe port 1	1000Base-T HD/FD, 100Base-T HD/FD, 10Base-T HD/FD, Twisted pair, Autonegotiation, EEPROM
Network, Wireless	Atheros AR928X PCIe port 2	2.4GHz PHY, 802.11a/b/g
Network, Wireless	Option 0af0:7601 Globetrotter M040x/GTM 382	USB2.0, GSM, GPRS, UMTS, HSPA, HSDPA/HSUPA, GPS
Video, Controller	Intel US15W/US15X SCH GMA500	PowerVR SGX, DirectX 10.1, Decodes "HD" MPEG2/VC-1/AVC, 4 shaders
Video, Output, Screen	Unknown, LCD	LVDS, 8“, 1600×768
Video, Output, Port	VGA	Supports 2x S-Video ports, according to xrandr
Video, Input, Camera	“Sony MotionEye” Ricoh 05ca:18b2	160×120, 176×144, 320×240, 640×480
Audio, Controller	Intel US15W/US15X SCH HD Audio Controller	
Audio, Output		Stereo speakers (L and R)
Audio, Output		Headphone socket
Audio, Input		1x MEMS Microphone
Bus, ISA	Intel US15W/US15X SCH LPC Bridge	
Bus, IDE	Intel US15W/US15X SCH IDE Controller	ISA Compatibility Mode

Component	Make and Model	Specifications and Capabilities
Disk, IDE	Toshiba MK6028GA 60GB	Slow, noisy, suspected failing; currently removed
Disk, Removable	SD card and MemoryStick Pro Duo/“MagicGate” controller	
Expansion	Sony VAIO thing clips onto the charger	Provides VGA and Ethernet port; barely any active circuitry inside

OEM Configuration

- Shipped with Windows Vista installed, drivers were available for Vista and 7
  - OpenMG
  - SMSC Card Reader/Writer software
  - Sony HDD Protection Driver
  - Sony Instant Mode
  - Sony PMB VAIO Edition
  - Sony Shared Library
  - Sony VAIO Content Metadata Manager
  - Sony VAIO Control Centre
  - Sony VAIO Event Service
  - Sony VAIO Location Search
  - Sony VAIO Media plus Extension
  - Sony VAIO Musicbox
  - Sony VAIO Power Management
  - Sony VAIO Recovery Centre
  - Sony VAIO Smart Network
  - Sony VAIO Update

OEM Recovery

- Block-level HDD image taken upon receipt
- Stock recovery software used to burn recovery DVDs
  - Copy of generated ISO for DVD 1
  - An ISO wasn't generated for DVD 2 but the files that were burned have been copied
- File contents of recovery partition

Maintenance

- Factory HDD has been removed and replaced with an mSATA SSD in an mSATA to IDE-ZIF adapter board
- Three SIM card installed in Mini-SIM slot

Current status

In light use; SSD has Alpine Linux with XFCE installed

External links

- Linux-Hardware probe - collected while on battery with 3G, Bluetooth and WiFi set up
- SonyVAIODriver driver category
- Archive of Sony VAIO drivers - use in place of original download links provided by SonyVAIODriver

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