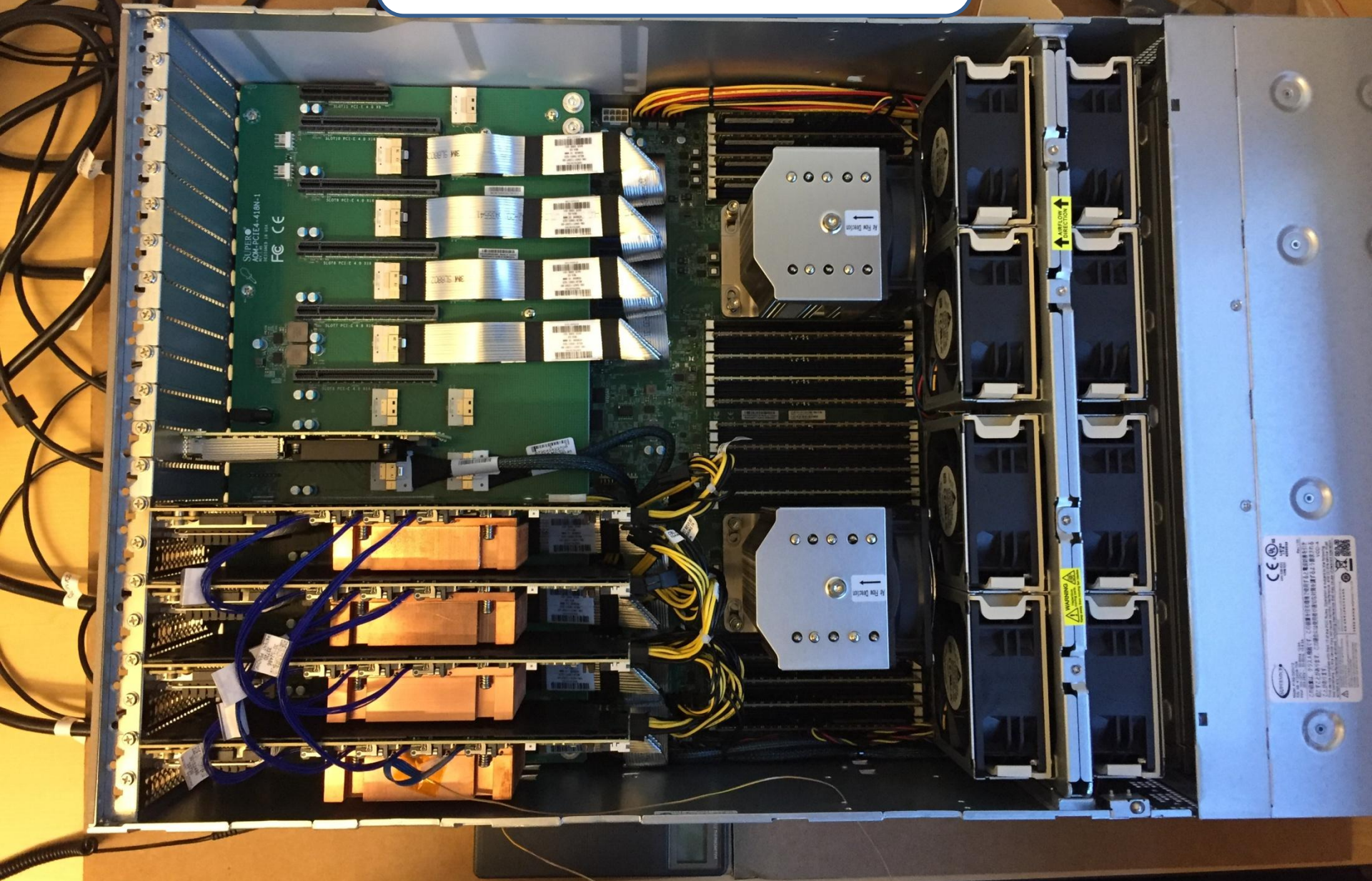
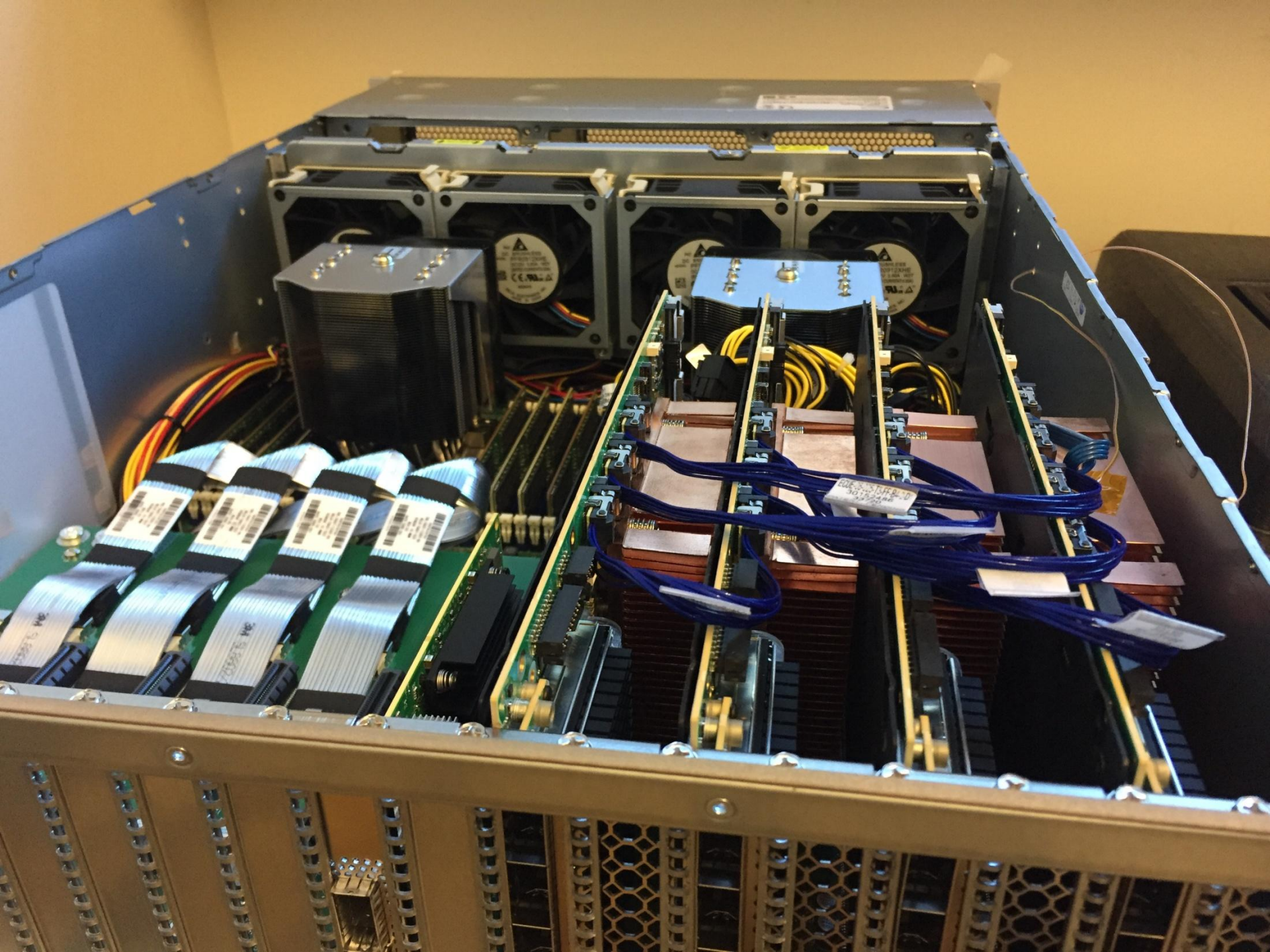


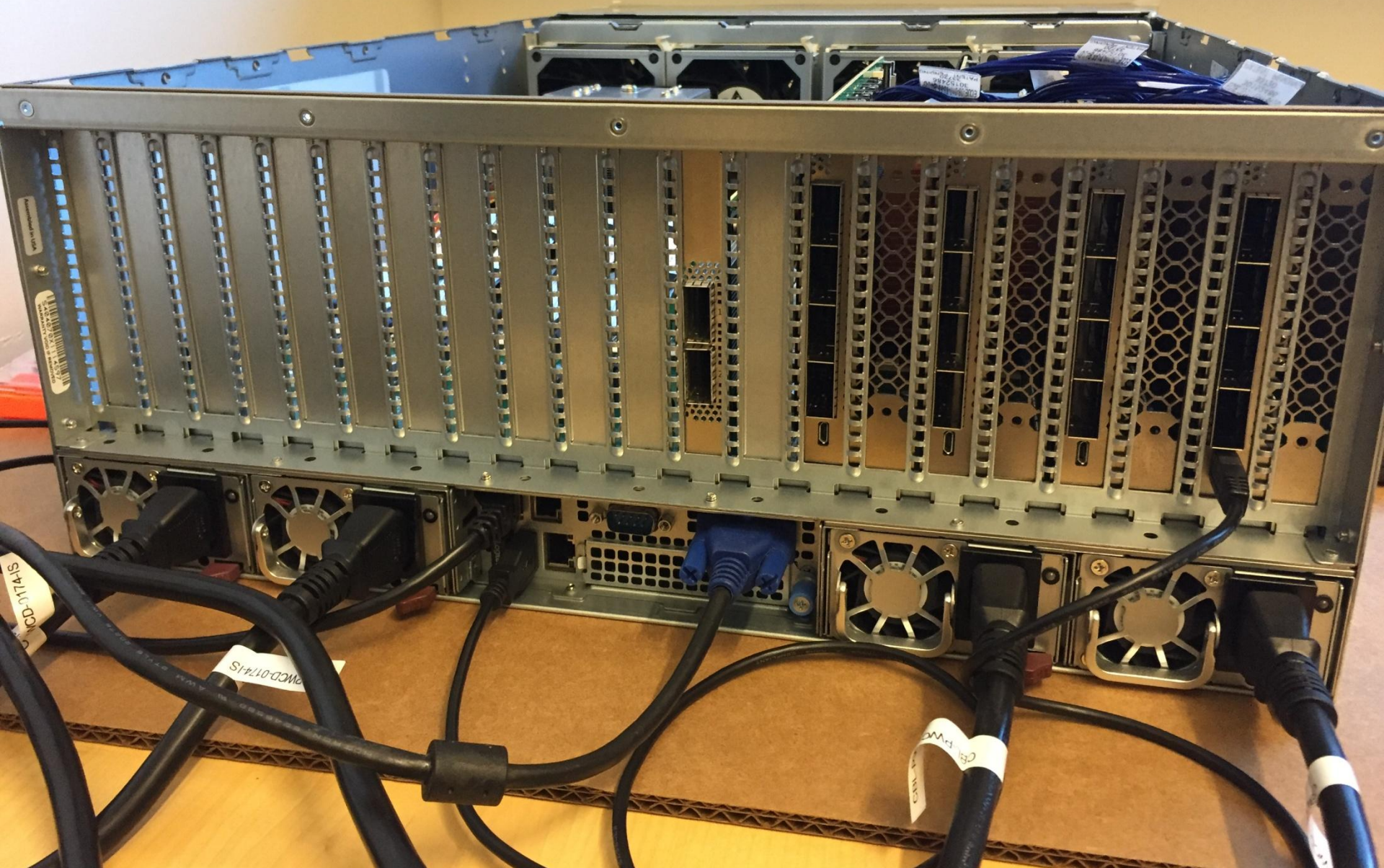
crisdsc0.ucsd.edu











[exx@crisdsc0 ~]\$ adsense

[sudo] password for exx:

Not in Service Mode

Human-readable Sensor Page:

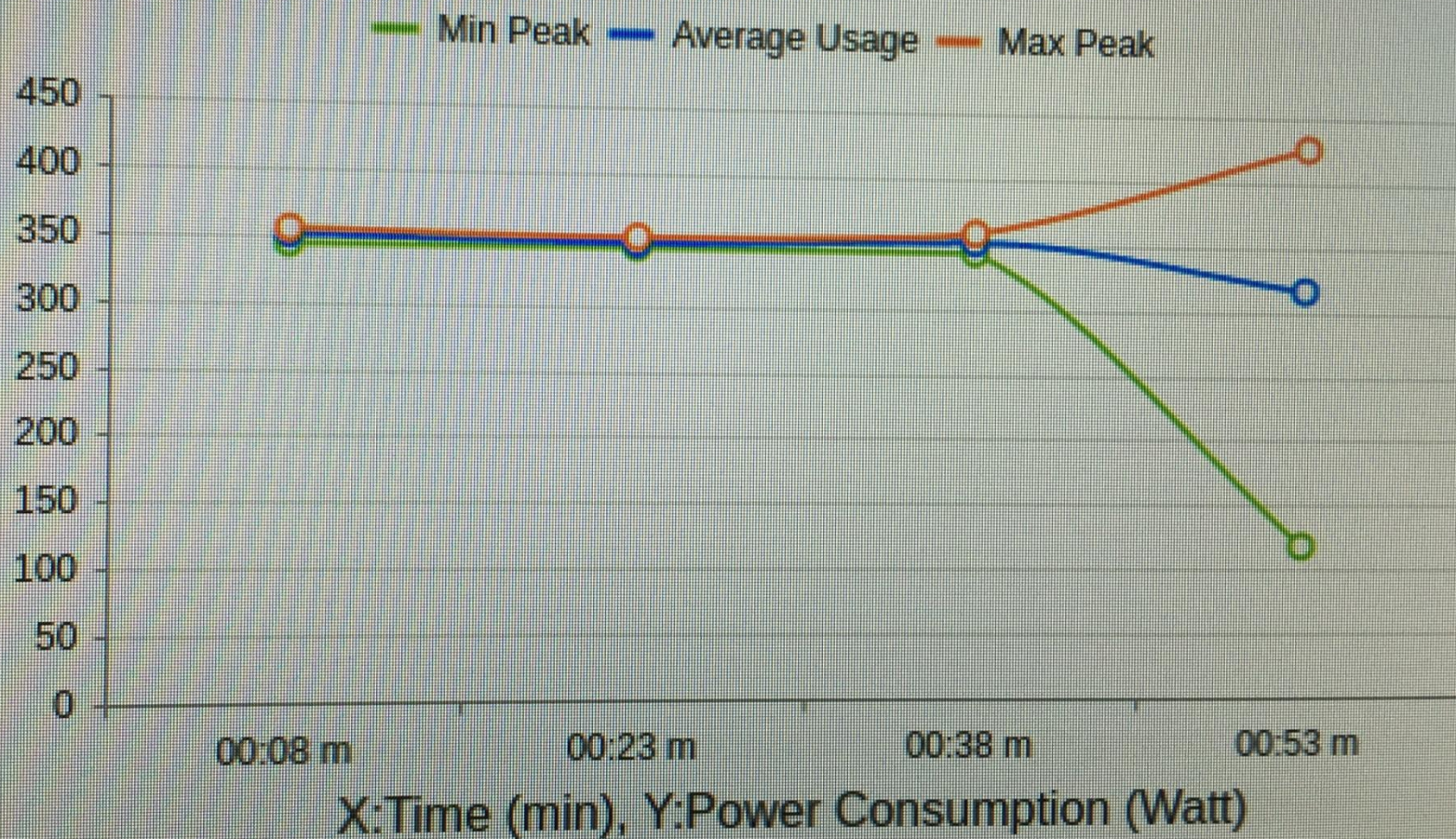
```

ETC      = { 0x09 0x53 0x1A 0x00 } => 1725193 (0x001A5309)
EC       = { 0x0A 0x00 0x00 0x00 } => 10 (0x0000000A)
ADC00 (#00) = { 0x86 0xC0 }      => 0xC086 => 12.033 V [12V rail (edge conn.))
ADC01 (#01) = { 0x4D 0xC1 }      => 0xC14D => 12.081 V [12V rail (J26 8-pin conn.))
ADC02 (#02) = { 0xF6 0xC0 }      => 0xC0F6 => 12.060 V [12V rail (J30 6-pin conn.))
ADC03 (#03) = { 0x6C 0x34 }      => 0x346C => 3.276 V [3.3V rail (edge conn.))
ADC04 (#04) = { 0x91 0x0E }      => 0x0E91 => 0.910 A [3.3V current (edge conn.))
ADC05 (#05) = { 0x0C 0x34 }      => 0x340C => 3.253 V [3.3V Aux rail (edge conn.))
ADC06 (#06) = { 0x45 0x27 }      => 0x2745 => 2.454 V [2.5V rail (internal))
ADC07 (#07) = { 0x8B 0x1C }      => 0x1C8B => 1.784 V [1.8V rail (internal))
ADC08 (#08) = { 0x98 0x1C }      => 0x1C98 => 1.787 V [1.8V MGT Aux rail (internal))
ADC09 (#09) = { 0x19 0x13 }      => 0x1319 => 1.194 V [1.2V rail (internal))
ADC10 (#10) = { 0xF1 0x12 }      => 0x12F1 => 1.184 V [1.2V MGT AVTT (internal))
ADC11 (#11) = { 0x33 0x0E }      => 0x0E33 => 0.887 V [0.9V MGT AVCC (internal))
ADC12 (#12) = { 0x87 0x0D }      => 0x0D87 => 0.845 V [FPGA I/O rail (internal))
ADC13 (#13) = { 0x6A 0x0D }      => 0x0D6A => 0.838 V [FPGA core rail (internal))
TMP00 (#14) = { 0x57 0x14 }      => 0x1457 => 52.288 deg. C [uC internal temperature]
TMP01 (#15) = { 0xA9 0x12 }      => 0x12A9 => 25.413 deg. C [Board temperature at U85]
TMP02 (#16) = { 0x7D 0x12 }      => 0x127D => 22.663 deg. C [Board temperature at U1]
TMP03 (#17) = { 0x7D 0x13 }      => 0x137D => 38.663 deg. C [FPGA temperature]
MEZ_STAT0  = 0x04                => F/PresC- PresB- DataErr- CsumErr- I2cFail- PwrOK+ VIOEn-
MEZ_STAT1  = 0x00                => F/PresC- PresB- DataErr- CsumErr- I2cFail- PwrOK- VIOEn-
MEZ_STAT2  = 0x00                => F/PresC- PresB- DataErr- CsumErr- I2cFail- PwrOK- VIOEn-
MEZ_STAT3  = 0x00                => F/PresC- PresB- DataErr- CsumErr- I2cFail- PwrOK- VIOEn-
CRD_STAT0  = 0xEF                => PSU70K+ PSU60K+ PSU50K+ PSU40K- PSU30K+ PSU20K+ PSU10K+
CRD_STAT1  = 0x11                => PSUOffReq- PSU_AUX- Resvd5- BrdCfgVal+ DONE3- DONE2- DON
CRD_STAT2  = 0x43                => HostRst- USBCon+ GAP- GA=3(0x3)
CRD_STAT3  = 0x00                (reserved)
SI5338_STAT = 0xF3                => CFG30K+ CFG20K+ CFG10K+ CFG00K+ Resvd3- Resvd2- IntRegd+
SI5338_ERR  = 0x00                => ErrType=0 ErrCode=0
ADC_STAT00  = 0x8                => OK+ Critical- Over- Under-
ADC_STAT01  = 0x8                => OK+ Critical- Over- Under-
ADC_STAT02  = 0x8                => OK+ Critical- Over- Under-
ADC_STAT03  = 0x8                => OK+ Critical- Over- Under-
ADC_STAT04  = 0x8                => OK+ Critical- Over- Under-
ADC_STAT05  = 0x8                => OK+ Critical- Over- Under-
ADC_STAT06  = 0x8                => OK+ Critical- Over- Under-
ADC_STAT07  = 0x8                => OK+ Critical- Over- Under-
ADC_STAT08  = 0x8                => OK+ Critical- Over- Under-
ADC_STAT09  = 0x8                => OK+ Critical- Over- Under-
ADC_STAT10  = 0x8                => OK+ Critical- Over- Under-
ADC_STAT11  = 0x8                => OK+ Critical- Over- Under-
ADC_STAT12  = 0x8                => OK+ Critical- Over- Under-
ADC_STAT13  = 0x8                => OK+ Critical- Over- Under-
TMP_STAT00  = 0x8                => OK+ Critical- Over- Under-
TMP_STAT01  = 0x8                => OK+ Critical- Over- Under-
TMP_STAT02  = 0x8                => OK+ Critical- Over- Under-
TMP_STAT03  = 0x8                => OK+ Critical- Over- Under-
RESVD63     = 0x00                => OK+ Critical- Over- Under-

```

[exx@crisdsc0 ~]\$

Power Consumption



Severity ● ●

	Name	Reading	Type
✓	CPU1 Temp	30	Temperature
✓	CPU2 Temp	33	Temperature
✓	Inlet Temp	20	Temperature
✓	System Temp	31	Temperature
✓	Peripheral Temp	25	Temperature
✓	VRMCpu1 Temp	32	Temperature
✓	VRMCpu2 Temp	31	Temperature
✓	VRMSoc1 Temp	32	Temperature
✓	VRMSoc2 Temp	32	Temperature
✓	VRMP1ABCD Temp	38	Temperature
✓	VRMP2ABCD Temp	31	Temperature
✓	VRMP1EFGH Temp	34	Temperature
✓	VRMP2EFGH Temp	36	Temperature
✓	P1_DIMMA~D Temp	28	Temperature
✓	P1_DIMME~H Temp	30	Temperature
✓	P2_DIMMA~D Temp	27	Temperature
✓	P2_DIMME~H Temp	29	Temperature
✓	AOC_NIC4 Temp	45	Temperature
✓	U2_SSD1 Temp	35	Temperature