

And now, for something
completely different

My \$300 Home Supercomputer

2010-2011

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- The Dell machines are custom-spec'd by Facebook and built by an unknown Chinese contract manufacturer
- These servers cost Facebook between \$3,000 and \$4,000 each

Facebook Datacenter: Forest City, NC

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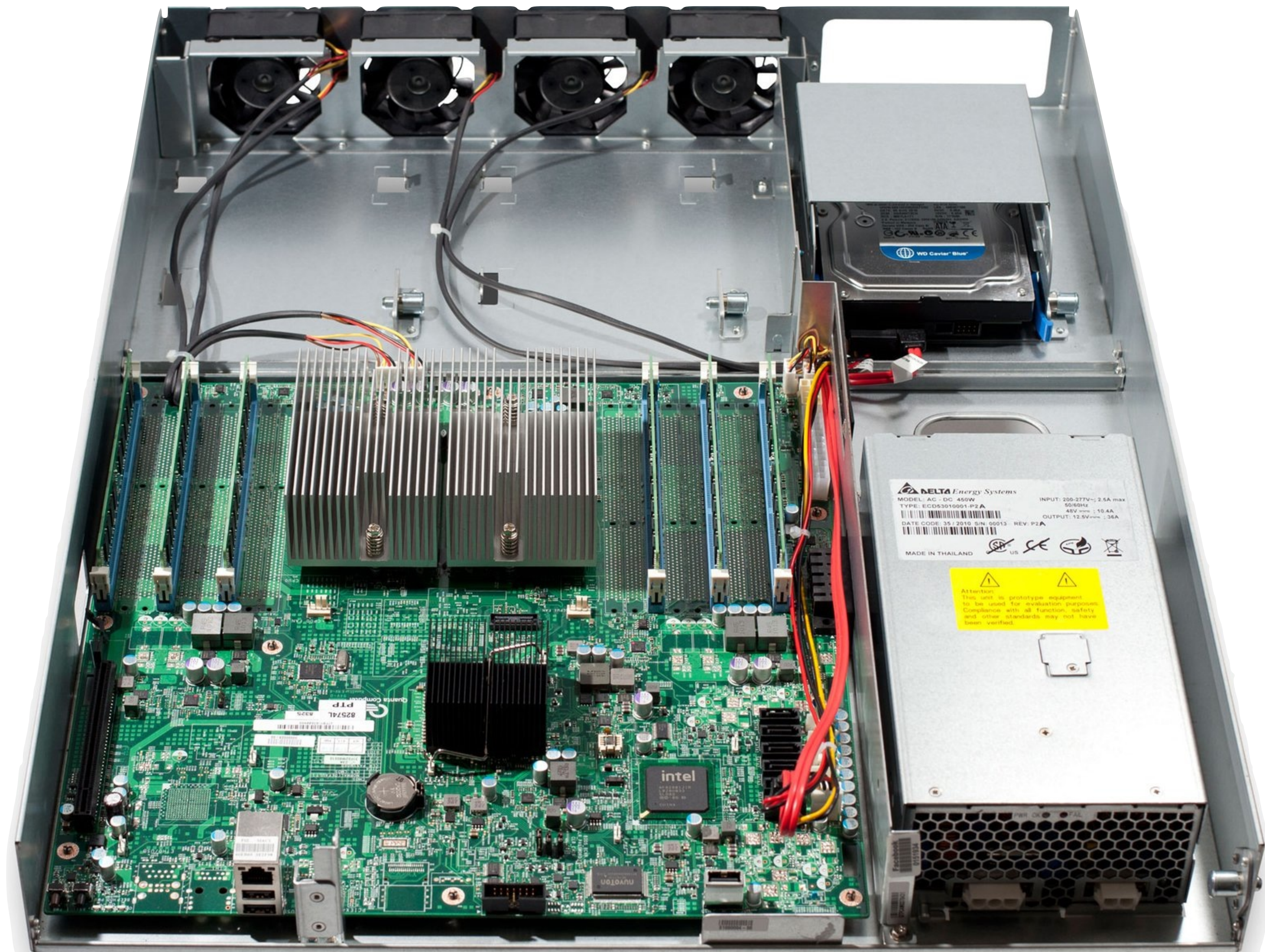
Facebook Datacenter: Forest City, NC



Late 2013

Late 2013

- Facebook decommissions tens of thousands of these machines as they refresh their global server infrastructure and move to their new “Open Compute” purpose-built server infrastructure



Late 2014

Late 2014

- Dell, recyclers and other resellers scoop up the used servers by the truckload and dump them on eBay, craigslist, etc.

OVER 1,000 UNITS IN STOCK!



FREE SHIPPING
WITH 60 DAY WARRANTY



Mouse over image to zoom



\$ Have one to sell? [Sell now](#)

Dell CS24-SC SERVER 1U 2X XEON QC L5420 2.50GHZ NO HDD 4xTRAYS 8GB DDR2

FREE Rail Kits included at Buy It Now Price (\$25 Value)

Item condition: **Seller refurbished**

"Servers are in excellent, like new condition! Server is fully functional/working with 60 Day" ... [Read more](#)

Quantity:

1

More than 10 available / 11 sold

Price: **US \$179.99**

[Buy It Now](#)

[Add to cart](#)

Best Offer:

[Make Offer](#)

6 watching

[Add to watch list](#)

[Add to collection](#)

Free shipping

60-day returns

100% positive
feedback

Bucks You'll earn **\$3.60** in eBay Bucks. [See conditions](#)

Shipping: **FREE** Standard Shipping | [See details](#)

Item location: **San Jose, California, United States**

Ships to: **Worldwide** [See exclusions](#)

Delivery: Estimated between **Tue. Oct. 21** and **Mon. Oct. 27** ?

Payments: **PayPal** | [See details](#)

Returns: 60 days money back or item exchange, buyer pays return shipping | [See details](#)

Guarantee: **ebay** MONEY BACK GUARANTEE | [See details](#)

Get the item you ordered or get your money back.
Covers your purchase price and original shipping.

[Add to watch list](#)

Seller information

deepdiscountservers (1038 ★)

100% Positive feedback

[Follow this seller](#)

Visit store: [deepdiscountservers](#)

[See other items](#)

THANK YOU

FOR SHOPPING AT



Late 2014

Late 2014

- But Facebook also kept thousands of “cold spares,” machines that were built and shipped, but never installed or used — and those machines are also available in the market...

Late 2014

- But Facebook also kept thousands of “cold spares,” machines that were built and shipped, but never installed or used — and those machines are also available in the market...
- ...and yours truly just bought one.

Dell Cloud Server CS24-SC

Basic Specs

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- 2 x Intel Xeon Quad-Core 2.5Ghz
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- 4 USB ports; 1 VGA port; 1 serial port, 2 PS/2 ports
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- Dimensions: 27" x 19" x 1-5/8"

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What It Doesn't Come With

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- A sound enclosure
- A nuclear plant to power the dang thing

SHIP TO:
MIKE HALLAM
1001 COUNTRY WALK ROAD
KISSIMMEE FL 34746

FL 328 9-99

UPS GROUND

10/24/2019 10:10 AM

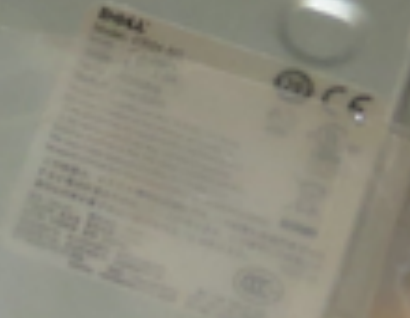
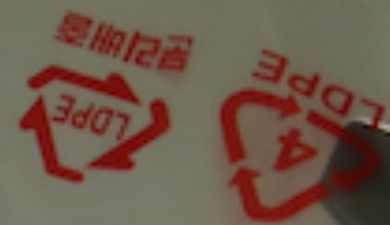








PLASTIC BAGS CAN BE DANGEROUS.
TO AVOID THIS DANGER OF SUFFOCATION,
KEEP THIS BAG AWAY FROM BABIES
AND CHILDREN.





**Front Panel: 4 x 3.5" HDD Bays
(Empty), Power Button, Status LEDs**



**Back Panel: PSU, PSU Fans, I/O
Connectors, BMC Port**



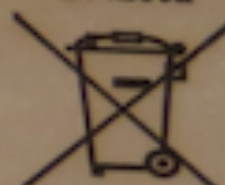
DELL™

Model: CS24-SC
Volts : 100-240 V ~
Amps : 5.2 - 2.5A
Hertz : 50/60Hz
Made in China CS10



LISTED

I.T.E 8K33
E142692



This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:

- 1) this device may not cause harmful interference, and
- 2) this device must accept any interference received;
including interference that may cause undesired operation.

This class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

この装置は、クラスA 情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。 **VCCI-A**

型号: CS24-SC 额定电压: 100-240 V ~
产品名称: 服务器 额定电流: 5.2-2.5A
产地: 中国制造 频率: 50/60 Hz



此为A级产品，在生活环境，该产品可能会造成无线电干扰，在这种情况下，可能需要用户对干扰采取可行的措施。

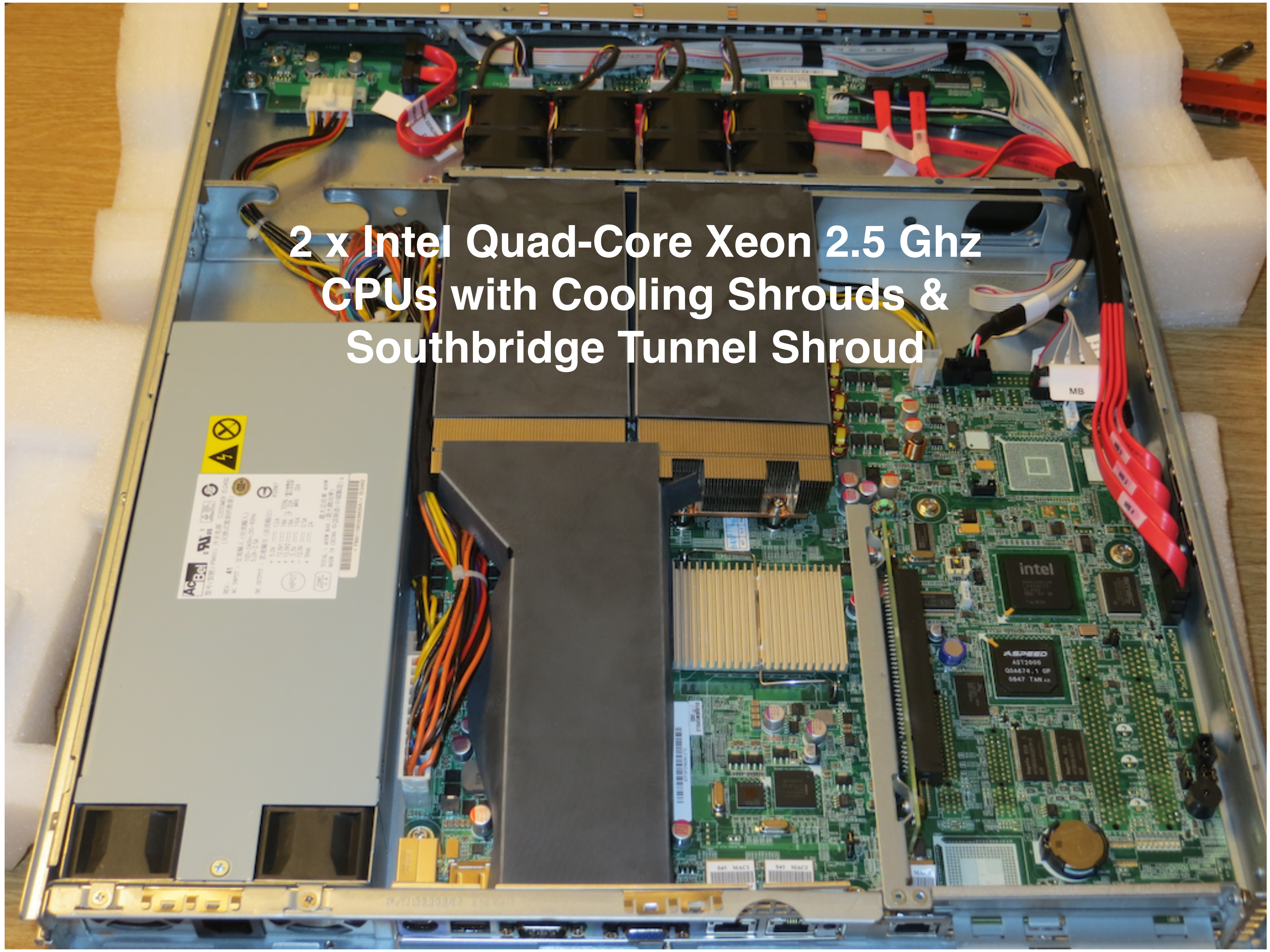
制造商: 广达电脑股份有限公司
制造地址: 台湾省桃园县龟山乡文化二路188号

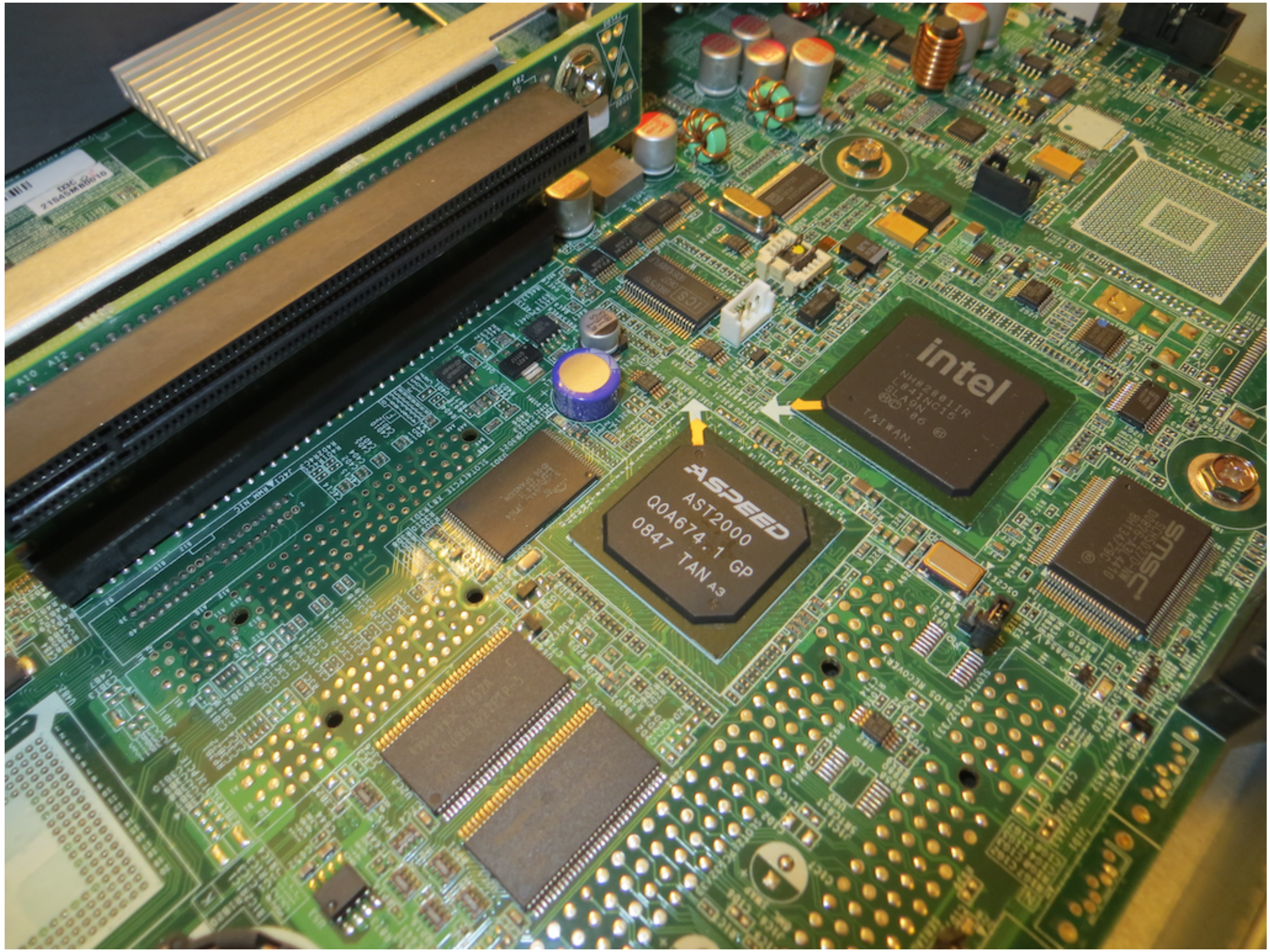
戴尔(中国)有限公司 监制
生产厂: 达丰(上海)电脑有限公司
生产厂地址: 上海市松江出口加工区三庄路58弄2号





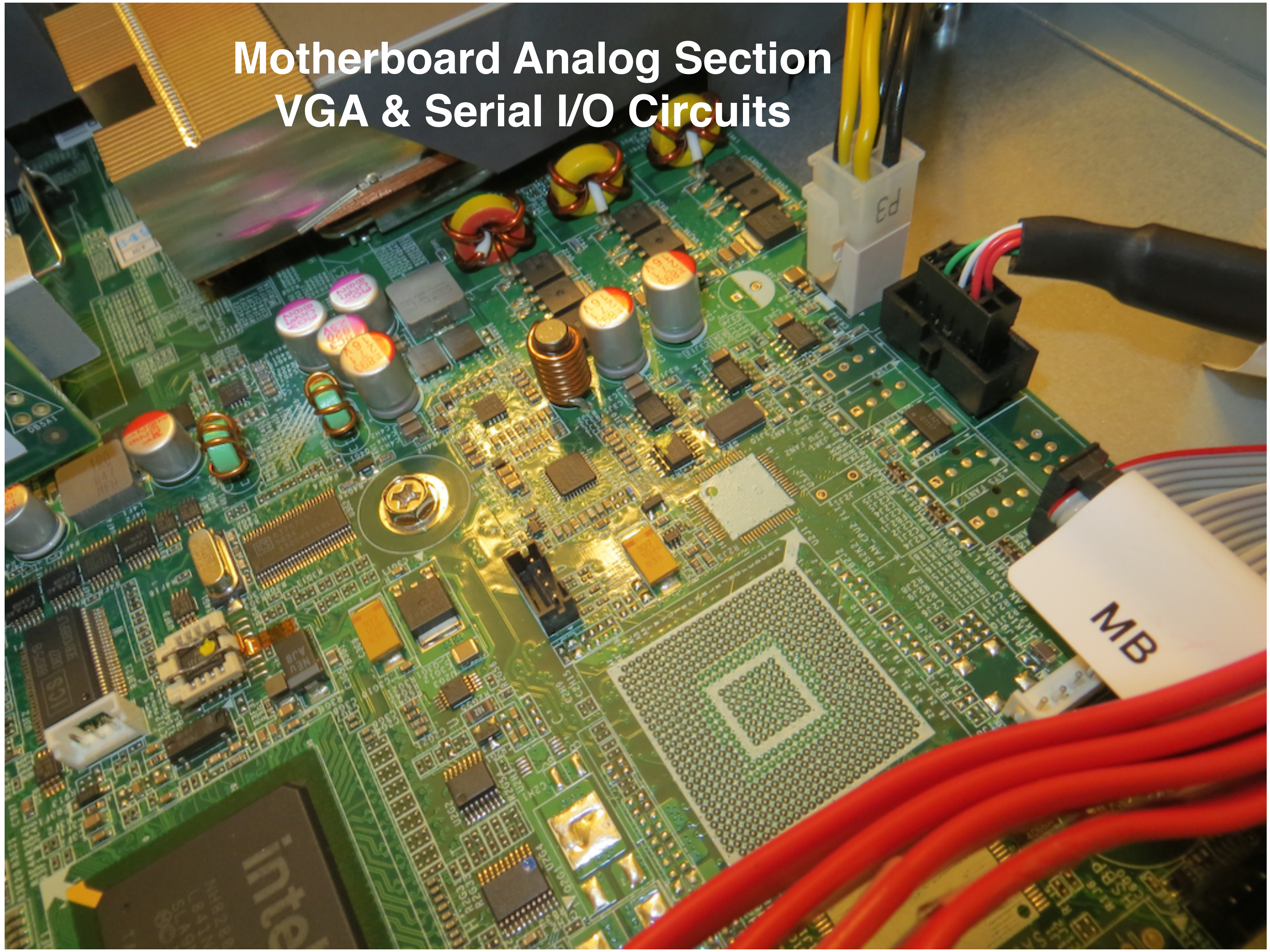
2 x Intel Quad-Core Xeon 2.5 Ghz
CPUs with Cooling Shrouds &
Southbridge Tunnel Shroud



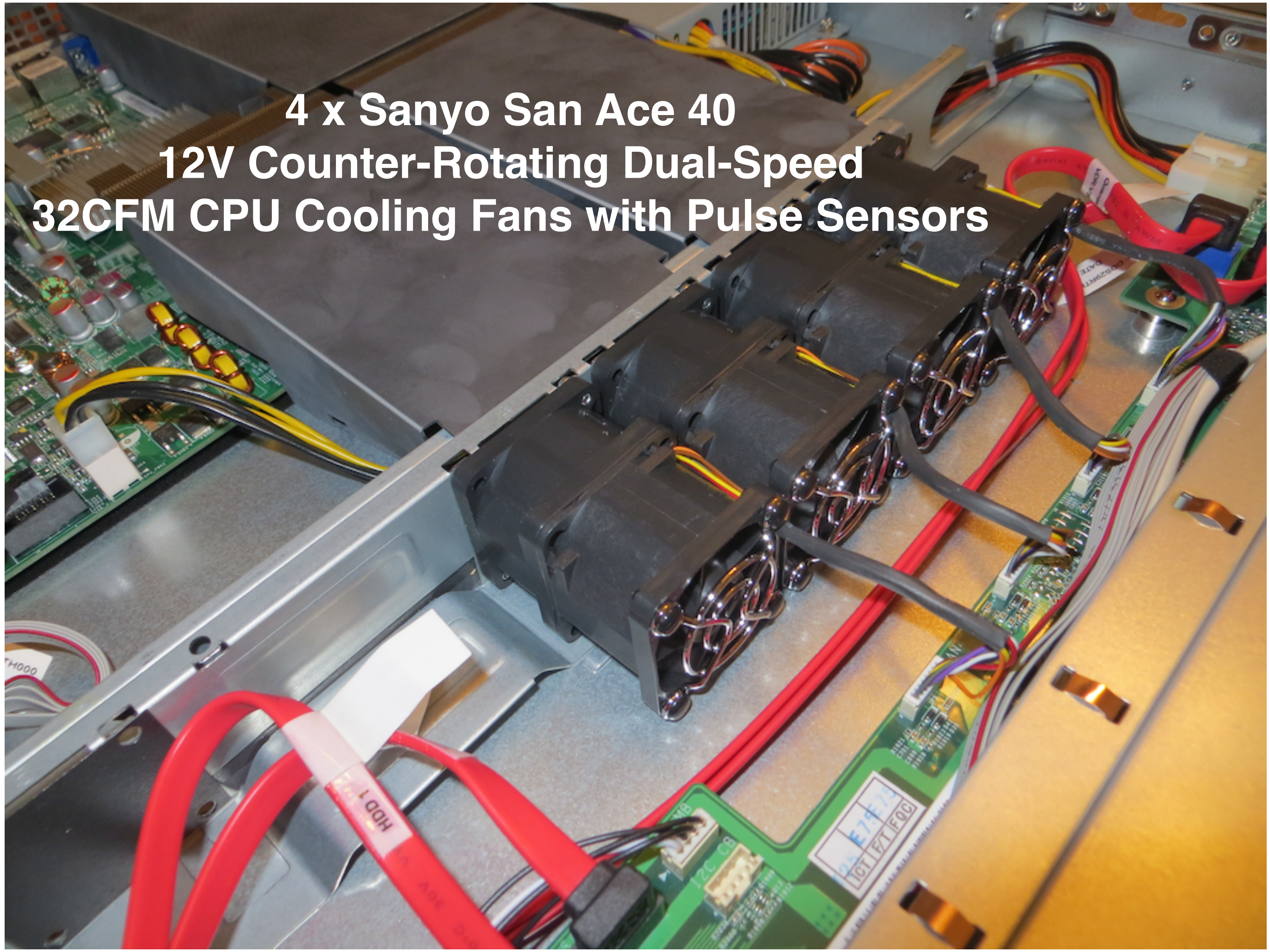


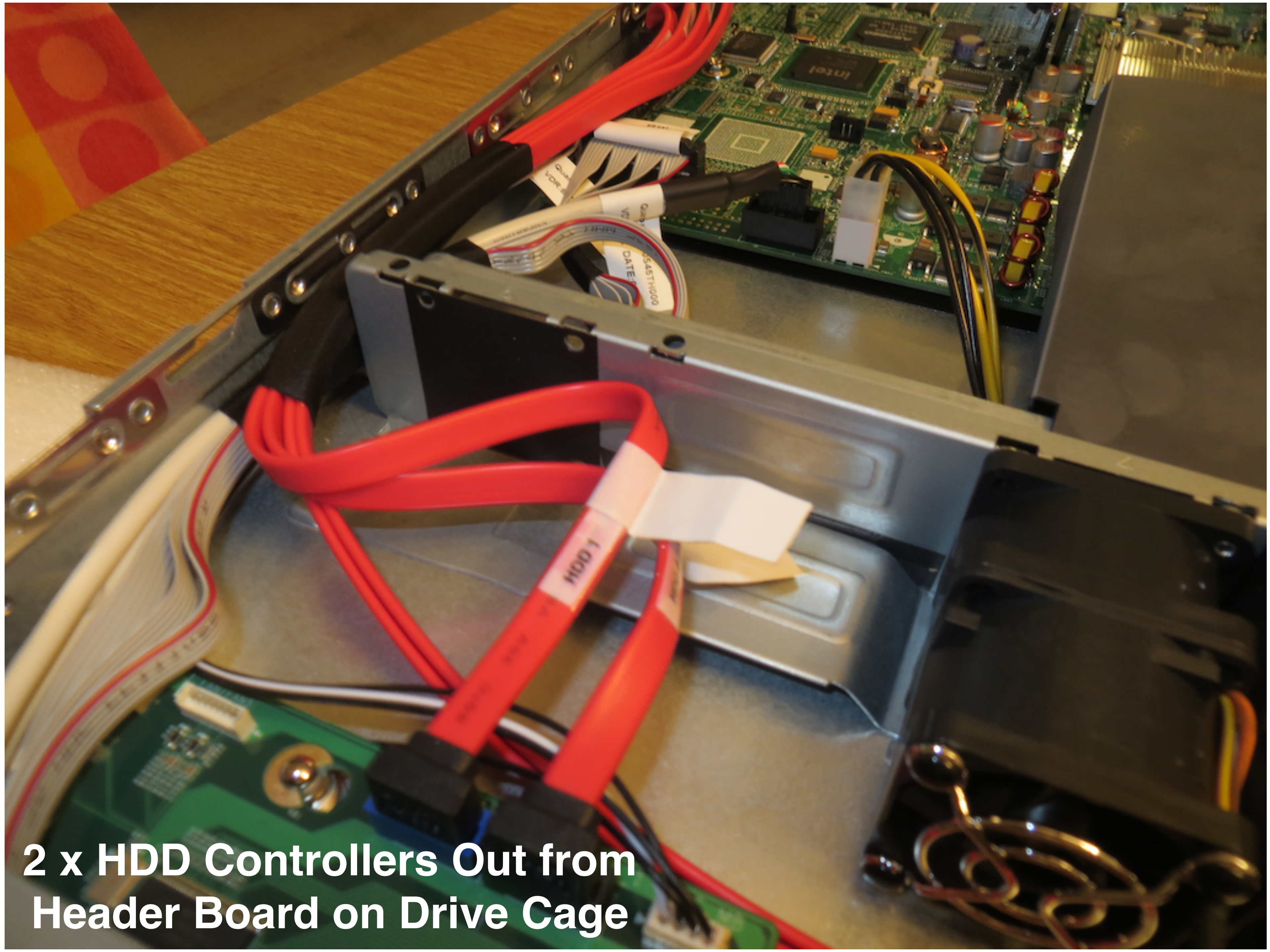


Motherboard Analog Section VGA & Serial I/O Circuits

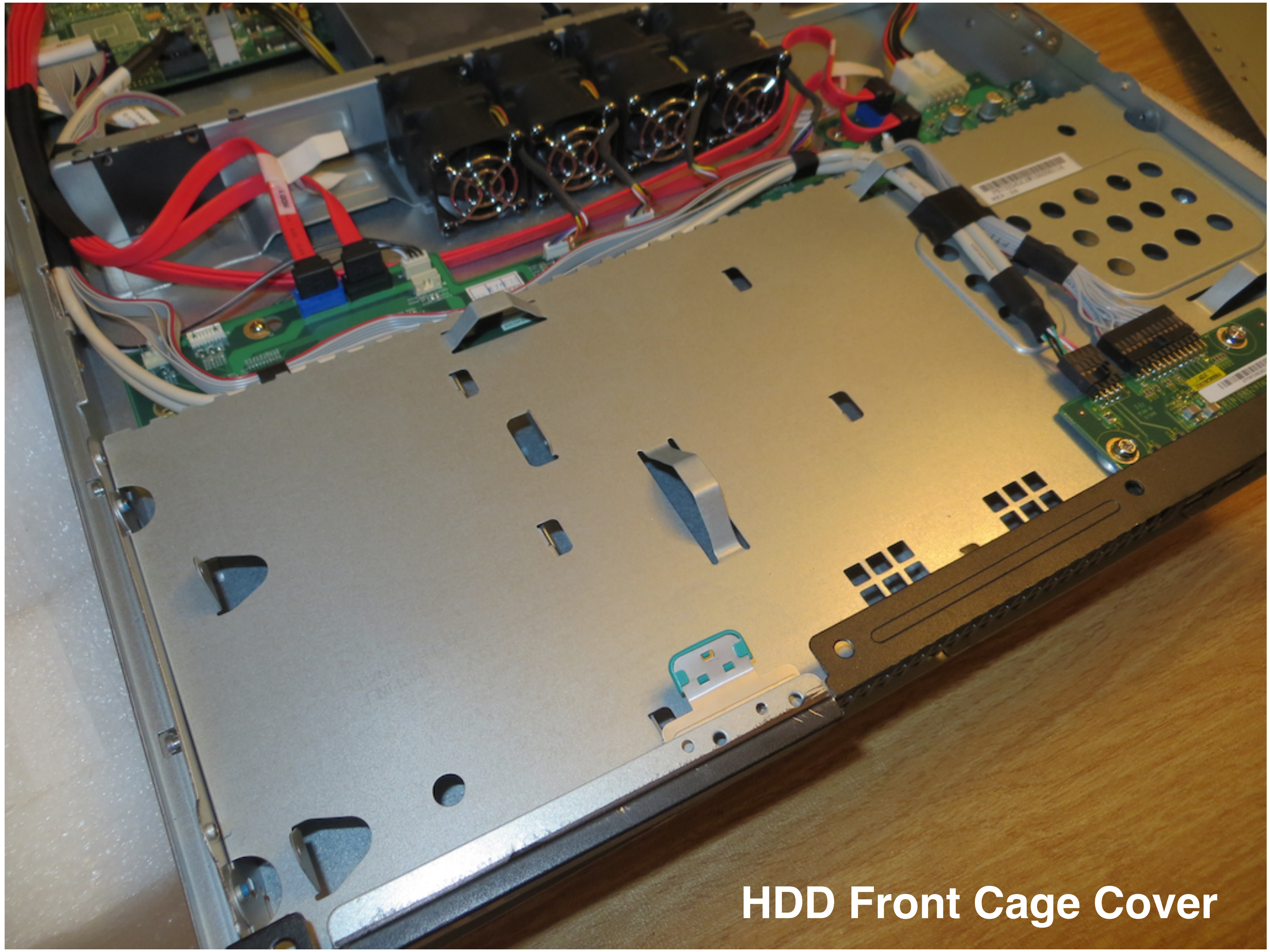


**4 x Sanyo San Ace 40
12V Counter-Rotating Dual-Speed
32CFM CPU Cooling Fans with Pulse Sensors**





**2 x HDD Controllers Out from
Header Board on Drive Cage**



HDD Front Cage Cover



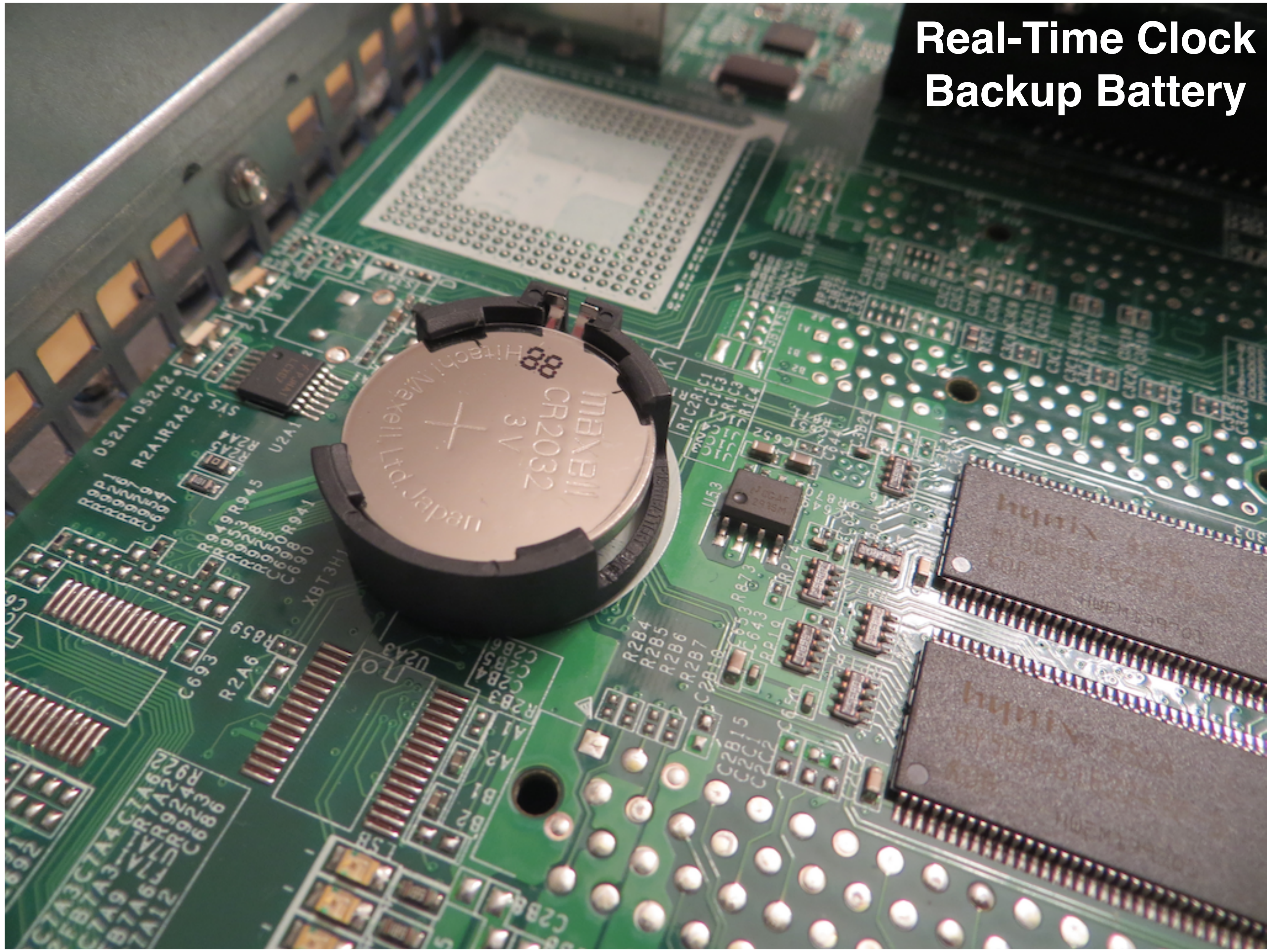
4 x HDD I/F Cables
to Motherboard Headers



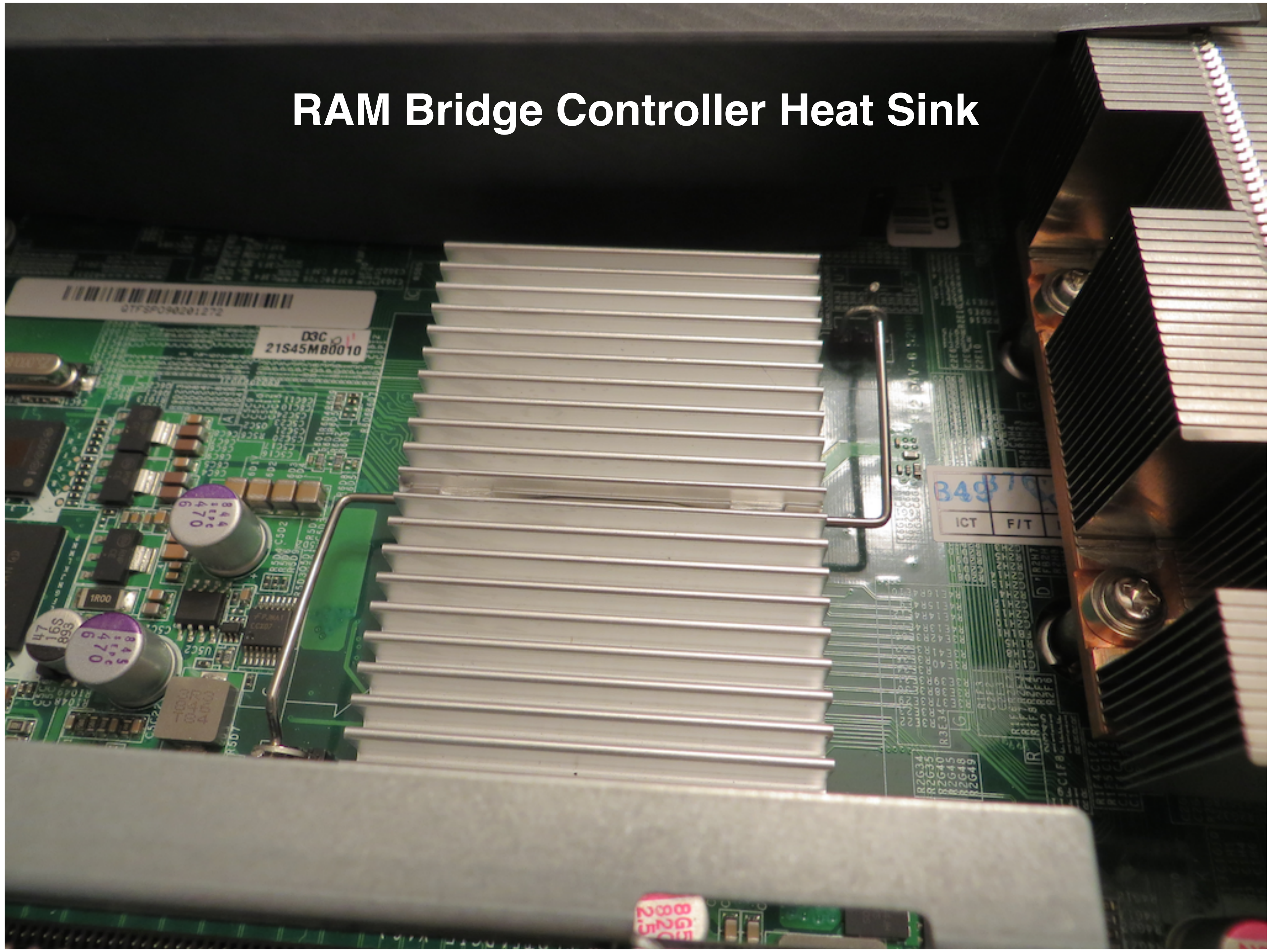


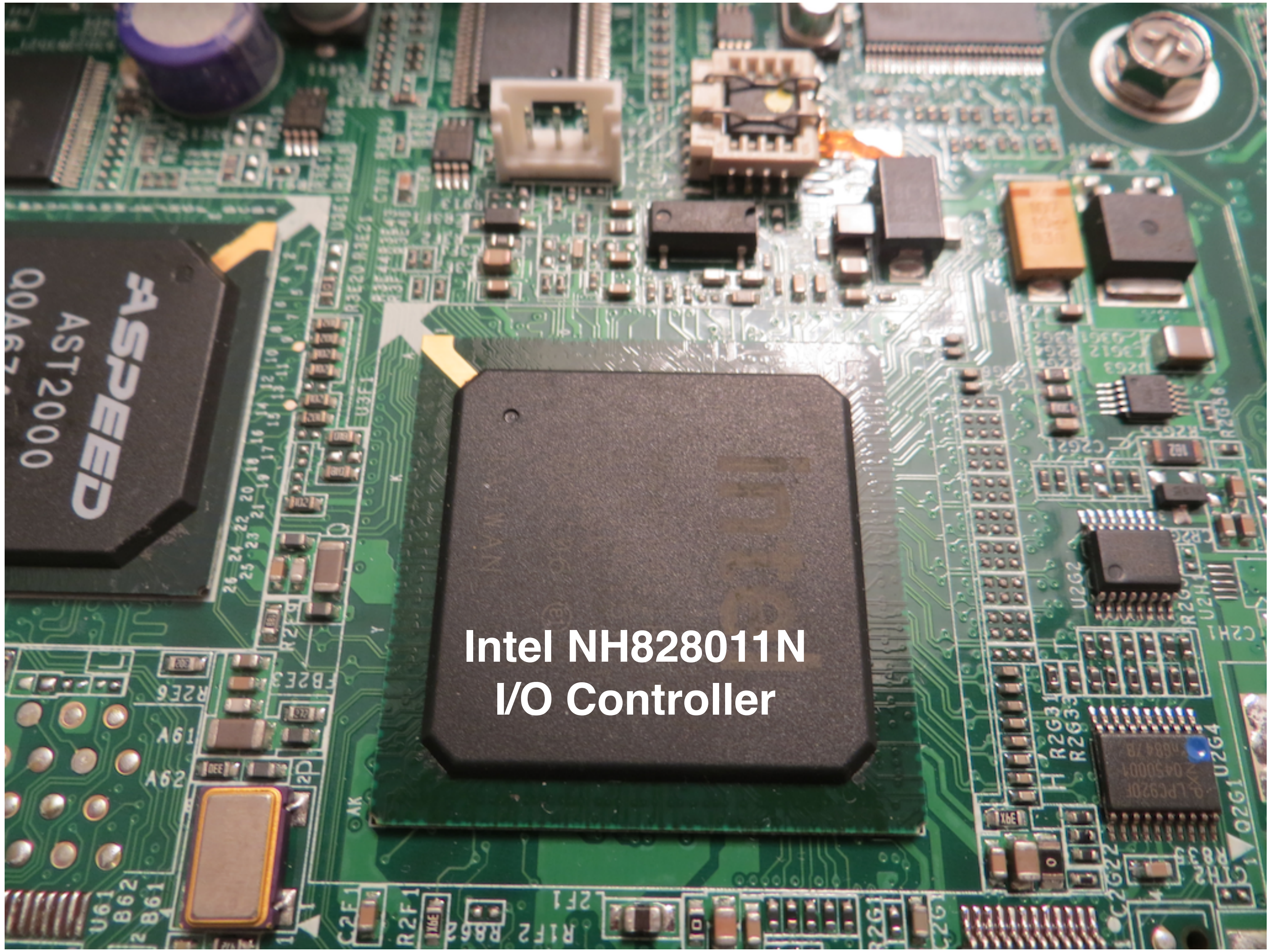
**4 x 2Gb 1333Mhz
PC2-5300 DDR RAM +
2 Empty Slots**

Real-Time Clock Backup Battery

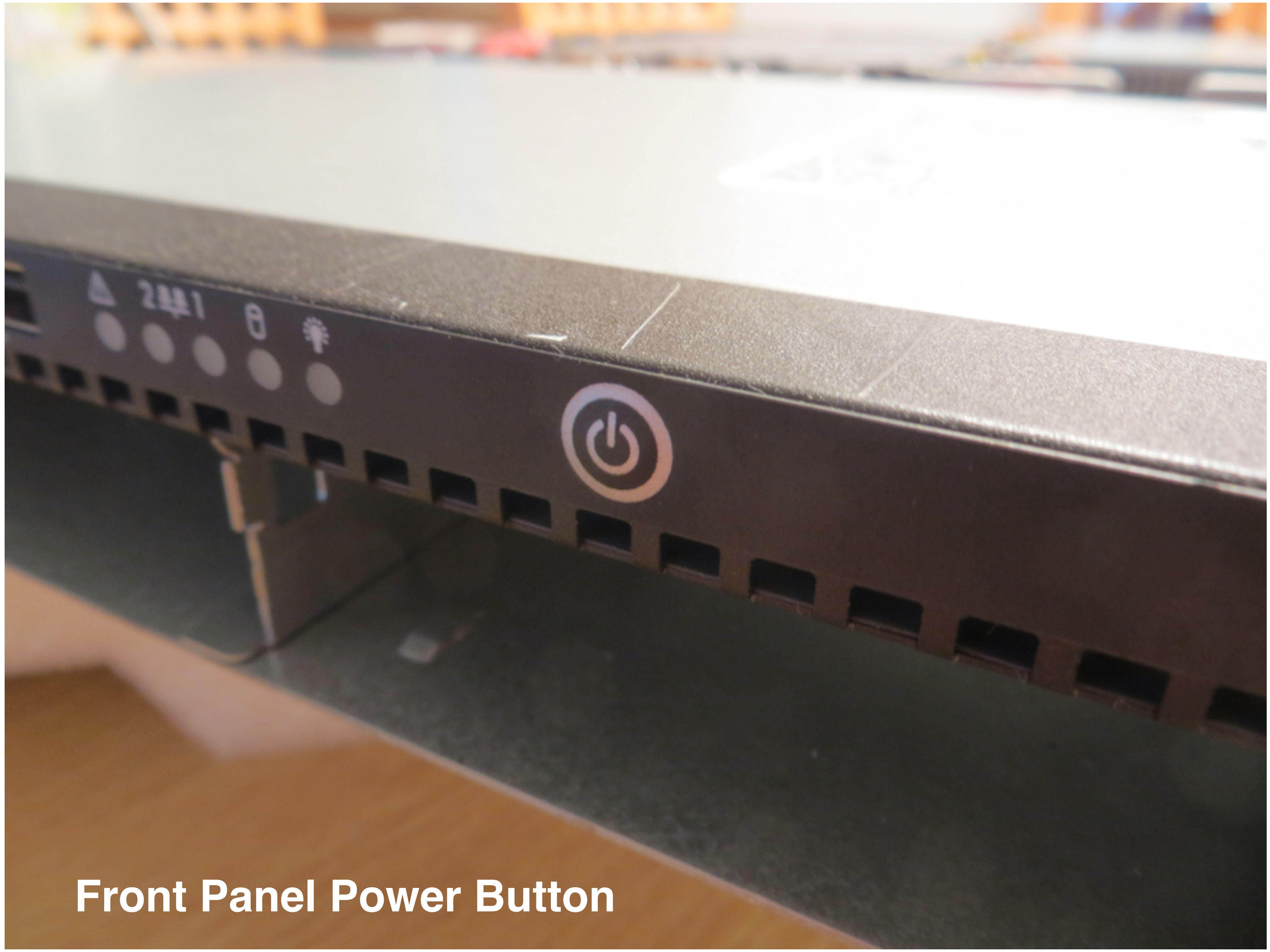


RAM Bridge Controller Heat Sink



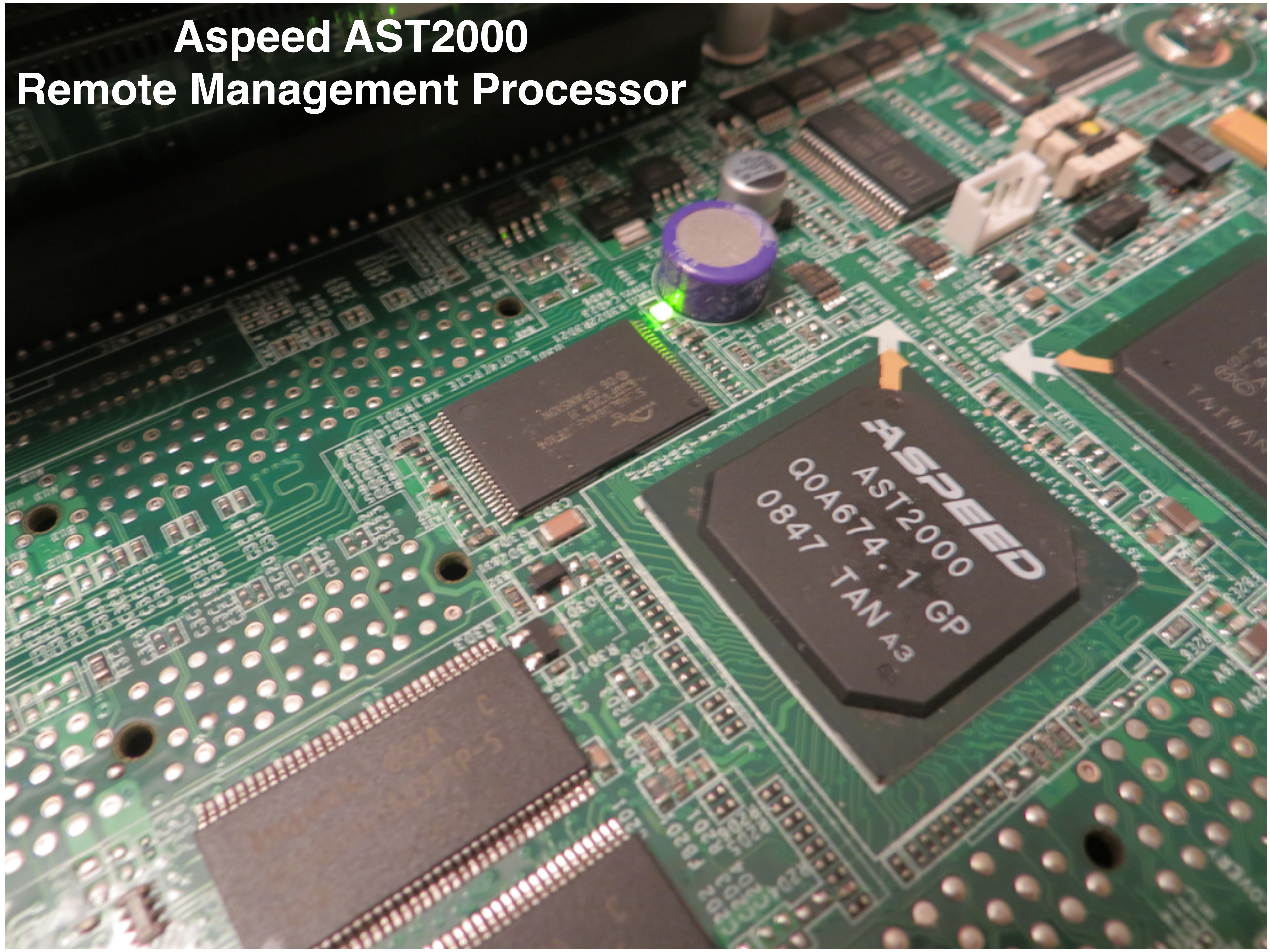


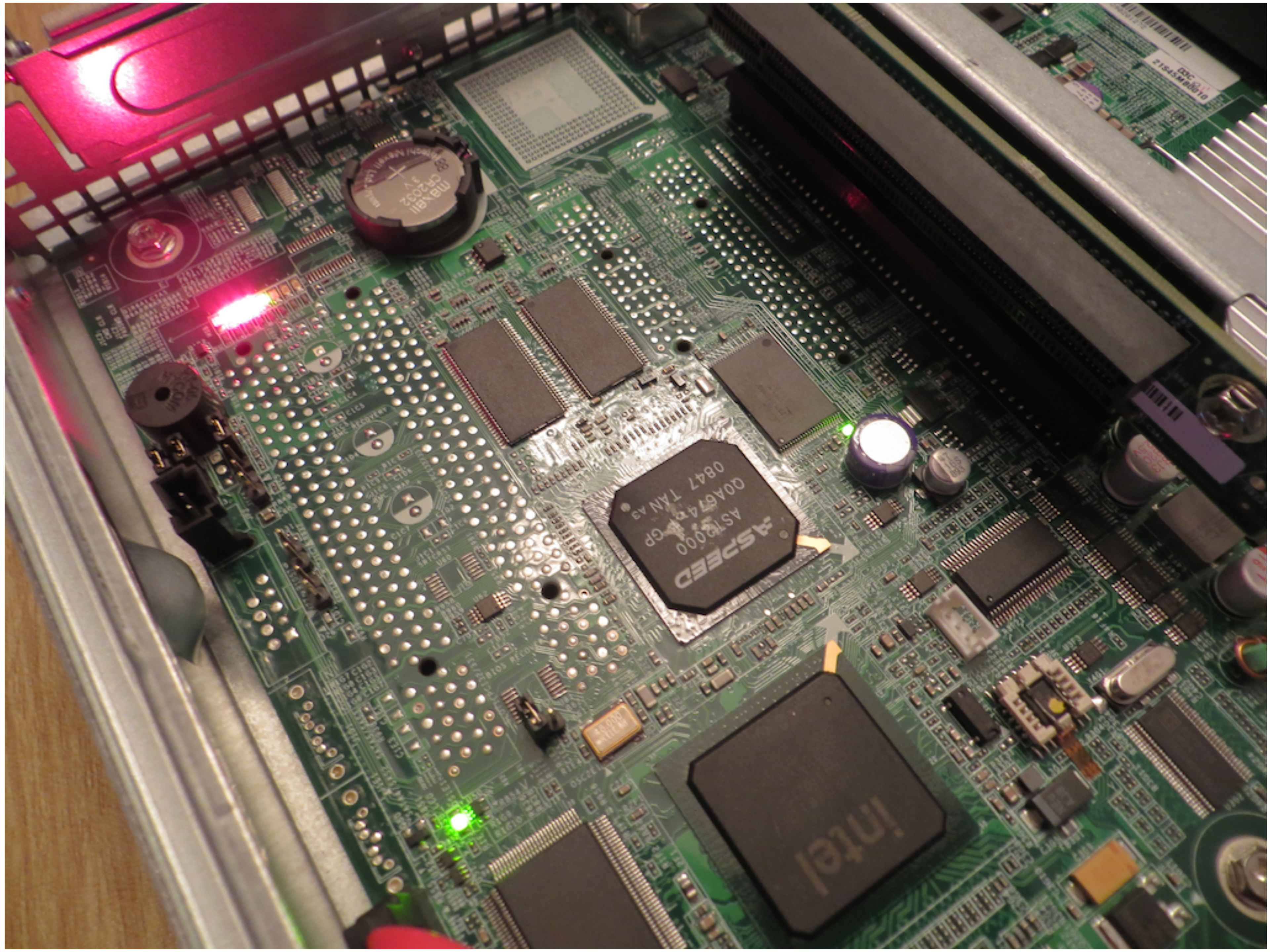
Intel NH828011N
I/O Controller



Front Panel Power Button

Aspeed AST2000 Remote Management Processor





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- Install Ubuntu onto the internal HDD (yay!)

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- Mint - self-hosted traffic analysis
- Simon: server & website monitor

Or, ...

Or, ...

- Dozens of additional ideas on what you can do with your own server at:

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 - **blog.macminicolo.net** (*50 ways to use your server*)