

Theme: Cooking with GPUs

The theme comes from a joke from one of our members that the GPUs can get so hot that it could cook food. There is also a meme "Let Him Cook" that was integrated into our theme.

Although we didn't follow the concept drawing down to a T, the stove GPU box and pan remained integral to our idea.



making of facsimiles and decor



checking our spot and placements
+ circuit decor



Final Booth setup + gimmicks



Flyers



Our Chefs
Acknowledgement

Get to know our expert chefs!

"Memories in every byte."

Vote for us!
S11 Group 5

Oldie Chef

IBM Monochrome Display Adapter /
Monochrome Display and Printer Adapter

1981-1984

• 8-bit ISA card with a Motorola
6845 display controller
• 4 KB of RAM
• Text-based
• No Color, only black and white
• Very "first" GPU
• DE-9 Output Port

Our first chef!

Oldie Chef

INTEL 740/8M SUPER 8MB
AGP Video Graphics Card 64-bit VGA Classic Video Card

February 12, 1998

- 350 nm fabrication process
- VGA
- DirectX 5.0
- 3.5 million transistors

Oldie Chef

Dell / nVidia GeForce 2MX 32MB AGP
Video Card 5G998 05G998

June 28, 2000

- 180 nm fabrication process
- DirectX7
- VGA
- 20 million transistors
- Die area of 0.4mm² × 2
- Density of 312.5K/mm²
- 32MB SDR memory
- 1x VGA
- Celsius Architecture

Oldie Chef

Nintendo Famicom RF Switch Adapter
Only HVC-003 FC SNES NES SFC
Japan Import (1988) / Famicom PPU
(Picture Processing Unit)

July 15, 1988

- Picture Processing Unit (PPU) (another specialized chip but more advanced than the Television Interface Adapter)
- Specialized for 2D games in the Famicom
- Connected the console to a TV using RF signals, coaxial cable to VCR/cable TV

Newbie Chef

MSI GeForce NX7100GS (2007)
August 8th, 2006

- Both VGA and DVI port + S-Video
- 110nm fabrication process
- 75 million transistors
- Die area of 110mm² × 2
- Density of 681.8K/mm²
- DDR2
- 128 / 256MB memory (This chef is a 256 MB memory)
- Curie architecture

Newbie Chef

Nvidia GeForce MX150 (2017)
May 17th, 2017

- Mobil graphics chip, no output ports
- 14nm fabrication process
- A variant of this chip supports DirectX12 which means all modern games can be run using this chip
- 1800 million transistors
- Die area of 74mm²
- Density of 24.3M/mm² × 2
- 2048MB GDDR5 memory
- Pascal architecture

Newbie Chef

GPU Box for NVIDIA RTX 3080
September 17, 2020

- 1x HDMI 2.0
- 3x Displayport 1.4a
- 8nm fabrication process
- A variant supports DirectX12 Ultimate. This ensures support for hardware raytracing, variable rate shading, etc.
- 28,300 million transistors
- Die area of 623mm²
- Density of 45.1M/mm² × 2
- 10GB GDDR6X memory (hotdamn!)
- Ampere architecture
- Supports DLSS and DLAA (Machine Learning upscaling/anti-aliasing techniques)
- Ray tracing

Menu-themed flyers presented as a catalogue. We wanted to make it interesting for the visitors to look at while being on theme.

The first page is purely a joke and more so to attract visitors.

For the other pages, there are specifications written for each component we displayed in the booth. The reason why the GPUs have chef hats on the flyers is because we treat them as our chefs. Since our theme is 'Cooking with GPUs,' the main concept is that the GPUs are our chefs as they heat up and have their own specialties that handle the graphics (or food).

Members manning the booths

1	March 7, 2024 (Th)					
2	TIME	<i>Ice</i>	<i>Francis</i>	<i>Orrin</i>	<i>Colleen</i>	<i>Lolo</i>
3						
4	0900-0915					
5	0915-1045					
6	1045-1100					
7	1100-1130					
8	1130-1200					
9	1200-1245		LUNCH			
10	1245-1430					
11	1430-1500					
12	1500-1600					
13						
14	March 8, 2024 (F)					
15						
16	0900-0915					
17	0915-1045					
18	1045-1100					
19	1100-1130					
20	1130-1200					
21	1200-1245					
22	1245-1430					
23	1430-1500					
24	1500-1600					
25						

don't mind the name, it's an inside joke
among some of our group members

Day 1

if picture is unlabeled, they are guests who played or inquired about our booth



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Day 2

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