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HoloLens 2 is now available: This is
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Windows Mixed Reality Microsoft
Surface Duo - THIS IS AWESOME!
Microsoft Hololens for Construction
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Microsoft HoloLens HP Reverb G2 -
Everything You NEED To Know

How has the Windows architecture
evolved to support devices like
HoloLens? | One Dev Question
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Hololens Hpu Architecture Detailed
The HPU Architecture But of course,
HoloLens does require a handful of
custom-made components, including
the batteries, the displays, the depth
sensors, and the HPU, which is key to

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Microsoft HoloLens: HPU Architecture,
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HoloLens is powered by a custom-built

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Holographic Processing Unit (HPU) and Intel 32-bit architecture. The processing unit is made of custom silicon that "allows HoloLens to understand gestures and...

[Microsoft HoloLens Specs and Features Detailed - GameSpot](#)

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[Update: You can also read our follow-up piece, Microsoft HoloLens: HPU Architecture, Detailed.] Optics. One of the biggest mysteries of the HoloLens has been the optics.

[What's Inside Microsoft's HoloLens
And How It Works | Tom ...](#)

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One thing Microsoft hasn't really published is what the hardware specifications (CPU, RAM, Storage, etc) are inside powering the HoloLens device. Using the HoloLens Settings app along with the AIDA64 app available in the Windows Store many of the hardware specification details

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can be discovered.

Detailed HoloLens Hardware Specs | Build5Nines

In addition to an Intel Cherry Trail SoC containing the CPU and GPU, HoloLens features a custom-made Microsoft Holographic Processing Unit

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(HPU), a coprocessor manufactured specifically for the HoloLens by Microsoft. The SoC and the HPU each have 1GB LPDDR3 and share 8MB SRAM, with the SoC also controlling 64GB eMMC and running the Windows 10 operating system.

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Microsoft HoloLens - Wikipedia

HoloLens contains a custom multiprocessor called the Holographic Processing Unit, or HPU. It is responsible for processing the information coming from all of the on-board sensors, including Microsoft's custom time-of-flight depth sensor,

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Head-tracking cameras, the inertial measurement unit (IMU), and the infrared camera.

Second version of HoloLens HPU will
... - microsoft.com

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detailed, but end up in harmful

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Detailed

HPU: Second-generation custom-built holographic processing unit
Memory:

4-GB LPDDR4x system DRAM

Storage: 64-GB UFS 2.1 WiFi: Wi-Fi:

Wi-Fi 5 (802.11ac 2x2) Bluetooth: 5

USB: USB Type-C. Fit. Single size Fits over glasses. Weight. 566 g. Software.

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Windows Holographic Operating
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HoloLens 2: Find Specs and Features
– Microsoft HoloLens 2

HoloLens elevates architecture by

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Reducing construction complexity By
Elizabeth Fuller 13 November, 2017
Turning architectural concept into the
reality that was to become Sydney's
Opera House took an entire book,
filled with 38 painstakingly detailed
pages of plans, sections and
elevations that eventually allowed the

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Detailed — yet complex — building to be constructed.

[HoloLens elevates architecture by ... - news.microsoft.com](#)

Now, Microsoft has detailed what powers all of its augmented visuals, and it's quite different than the kind of

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hardware used in many other devices out there. For starters, it's called an HPU, or...

Microsoft's HoloLens' Holographic
Chip Detailed in ...

And that's architecture. It's a revolution." Over the next few months,

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the Transform blog will feature several storylines inspired by companies now making a digital difference. This is the second in the series. Top image: SketchUp Viewer on Microsoft HoloLens brings mixed reality to life in architecture and design.

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Design revolution: Microsoft HoloLens
and mixed reality ...

Microsoft: Microsoft HoloLens: HPU
Architecture, Detailed Essentially, the
HPU is designed as a companion to
the SoC, receiving all of the myriad
sensor data, packaging that data, and
feeding it to the SoC. That's what it

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Does, but how does it work? Let's take a deeper look at the HPU's architecture. Read full article »

Owler Reports - Microsoft: Microsoft HoloLens: HPU ...

The chip, dubbed the Holographic Processing Unit 2.0, or HPU 2.0, is not

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a small die at 79mm², Elene Terry, who works with Microsoft's silicon and system architecture team, warned. Instead of trying to cram as much processing power as possible into a smaller size, the larger design ensures the chip allows enough heat to escape to avoid thermally overloading.

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Got a burning desire for a Hololens
2.0? Microsoft insists ...

Holographic processing unit (HPU) is Microsoft's name for the coprocessor in its HoloLens virtual reality (VR) headset. The HPU conducts the processing that integrates real world

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Detailed and data for augmented reality. All of the integration of environmental data and user input is handled by the HPU.

What is holographic processing unit (HPU)? - Definition ...

A HoloLens 2 rental from Hartford Technology Rentals will open the door

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to a virtually limitless new world of possibilities. HTR is proud to be a Microsoft Certified Rental Partner for the HoloLens 2. From North America to across the globe, Microsoft has selected Hartford to be the partner of choice when you want to rent a HoloLens.

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[Rent The Hololens 2 \[Official Microsoft HoloLens 2 Rental ...](#)

Microsoft Hololens Development Edition In Great Shape. Condition is "Used". This is not the HoloLens 2-- it's the first one. Here's a list detailing the full hardware specifications:

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Component description. Operating System Windows 10. Processor Intel 32 bit architecture. Custom-built Microsoft Holographic Processing Unit (HPU 1.0) Memory 2GB of RAM

Microsoft Hololens Development
Edition In Great Shape

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Detailed Microsoft HoloLens All Glasses Reality Mixed; Microsoft HoloLens All Glasses Reality Mixed. ... Intel 32-bit architecture with TPM 2.0 support; Custom-built Microsoft Holographic Processing Unit (HPU 1.0) Memory. 64 GB Flash; 2 GB RAM; Fit. FIT; Sizing:

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