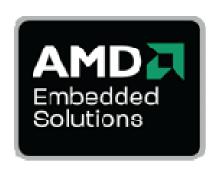
AMD Embedded Solutions (AES) Product Roadmap

Q3 2010 (Version 1.0)



Always refer to the processor/chipset data sheets for technical specifications. Feature information in this document is provided for reference only.



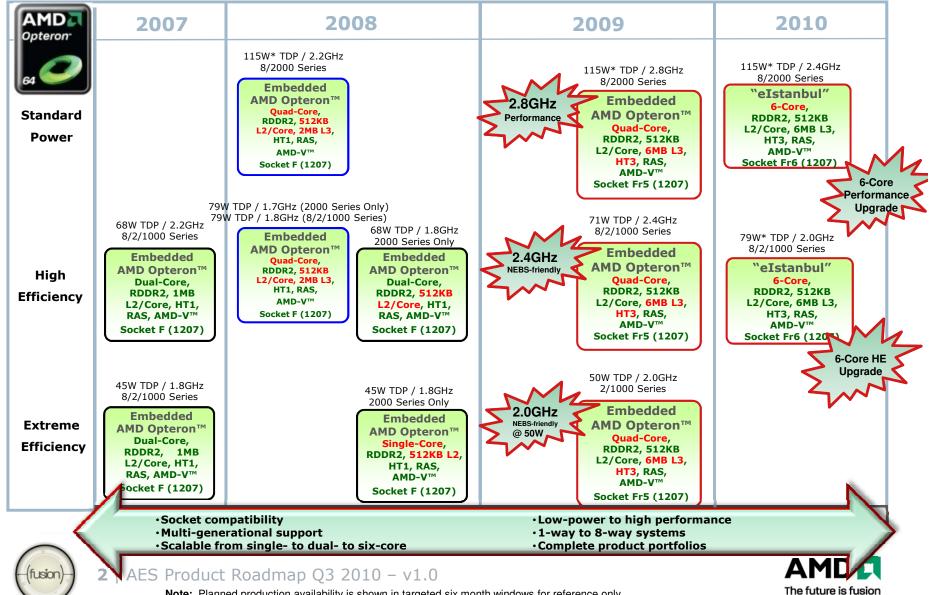
Embedded AMD Opteron™ Roadmap Current Processors (July 2010)

90nm 65nm 45nm *Supports standard server class ambient temperatures only.

Green Text = Existing Features Red Text = Updated / New Features

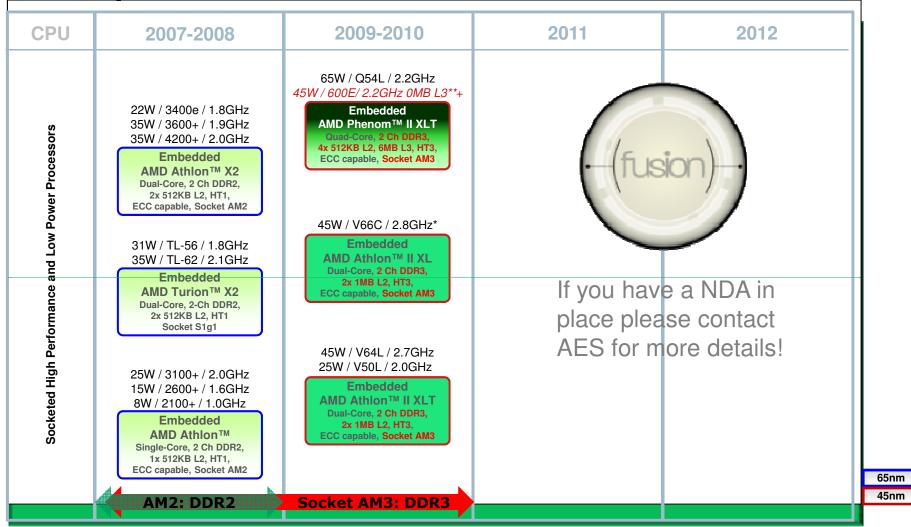
Solid Box = Plan of Record

Dash Box = Planning Purposes Only (Not Yet POR)



Note: Planned production availability is shown in targeted six month windows for reference only.

Embedded Low-Power Socketed Processor Roadmap (July 2010)



Note: Planned production availability is for reference only. Refer to production and longevity charts for specific details.

^{*} May support lower case temperature. ** Not production silicon .+18-month longevity only.





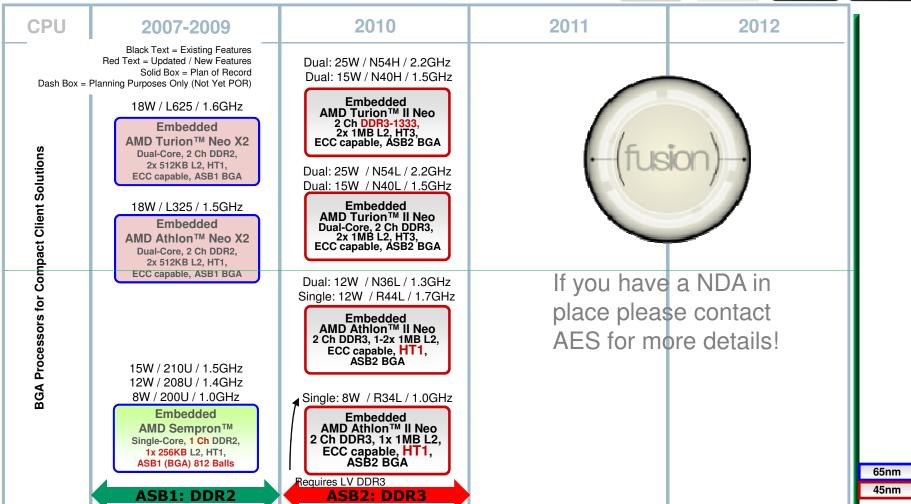


Embedded Low-Power BGA Processor Roadmap (July 2010)



AMD

Sempron*



Note: Planned production availability is for reference only. Refer to production and longevity charts for specific details. Features are preliminary and subject to change. Customer should always consult technical documentation for design specifications.





Embedded AMD Geode™ Processor Roadmap (July 2010)



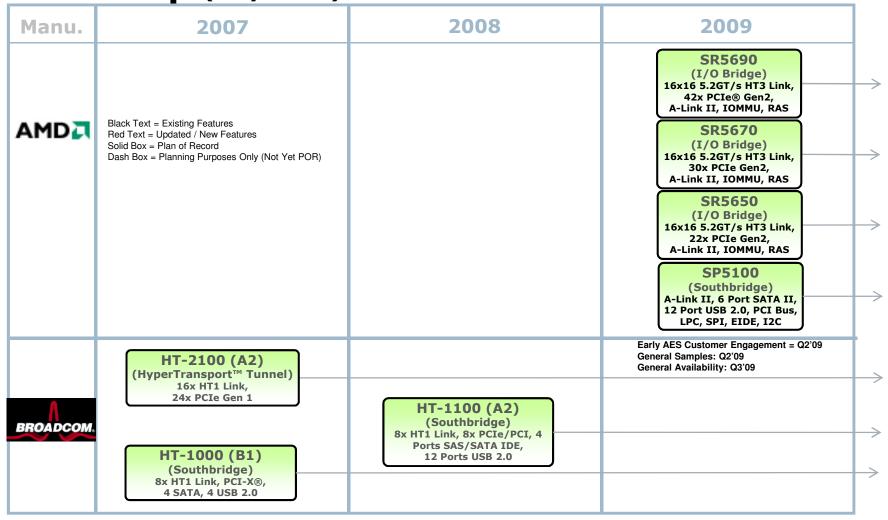
CPU	2007	2008	20xx	
Industrial Client	3.8W TDP / 500MHz / LX800 AMD Geode TM Single-Core, DDR1, 128KB L2, MMX TM , Ind. Temp (-40C to +85C) BGU481		Black Text = Existing Features Red Text = Updated / New Features Solid Box = Plan of Record Dash Box = Planning Purposes Only (Not Yet POR)	\longrightarrow
Ultra Low Power Client	5.1W TDP / 600MHz / LX900 3.8W TDP / 500MHz / LX800 3.4W TDP / 433MHz / LX700 AMD Geode™ Single-Core, DDR1, 128KB L2, MMX™, 3DNow!™ Tech. BGU481		DDR2 Memory Module Geode LX Refresh: DDR2 Support PATA-to-SATA LPC-to-SPI 2.9W TDP / 366MHz / LX600 AMD Geode TM Single-Core, DDR1, 128KB L2, MMX TM , 3DNow! TM Tech. BGU481	\longrightarrow

Note: Planned production availability is for reference only. Refer to production and longevity charts for specific details.





AMD Enterprise Telecom/Storage Chipset Roadmap (July 2010)



Note: Planned production availability is shown in targeted six month windows for reference only.





AMD Embedded Client Chipset Roadmap (July 2010)

Manu.	2007 - 2008	2009	2010	2011
Integrated Graphics Roadmap	780E (GPU/Northbridge) No TVOUT/Macrovision, HT 3.0, UVD 2.0 HD Integrated Graphics, DirectX® 10.0 Support, PCIe® Gen 2, LVTM and PCIe 2 x8 M690E/T (GPU/Northbridge) No Macrovision (E only) HT 1.0, TV-Out (T Only) Integrated Graphics, x8 PCIe® (1 port), x4 PCIe (configurable), VLDS/DVI/VGA		785E (GPU/Northbridge) No TVOUT/Macrovision, OS Idle Power Savings DirectX® 10.1 Enhanced Mode Pin compatible with 780E	Black Text = Existing Features Red Text = Updated / New Features Solid Box = Plan of Record Dash Box = Planning Purposes Only (Not Yet POR)

Note: Planned production availability is shown for reference only.





AMD Embedded Client Chipset Roadmap (July 2010)

Manu.	2007 - 2008	2009	2010	2011
Fusion Controller Hub/Southbridge Roadmap	SB600 (Southbridge) PCIe® /A-link to NB, PCI Interface, 10 USB 2.0 Ports, 4 STA II Ports, PATA Interface	SB710 (Southbridge) PCIe® /A-link to NB, PCI Interface, 12 USB 2.0 + 2 USB 1.1, 6 SATA 2.5 Port + eSATA	SB850 (Southbridge) PCIe® /A-link to NB, 14 USB 2.0 + 2 USB 1.1, 6 SATA 6Gb/s Port + eSATA, Clock gen, NIC, PCIe GPP 2 x1, RAID 5 SB820M (Southbridge) PCIe® /A-link to NB, 14 USB 2.0 + 2 USB 1.1, 6 SATA 6Gb/s Port + eSATA, Clock gen, PCIe GPP 2 x1	Black Text = Existing Features Red Text = Updated / New Features
	Note: Planned production availab	Solid Box = Plan of Record Dash Box = Planning Purposes Only (Not Yet POR)		

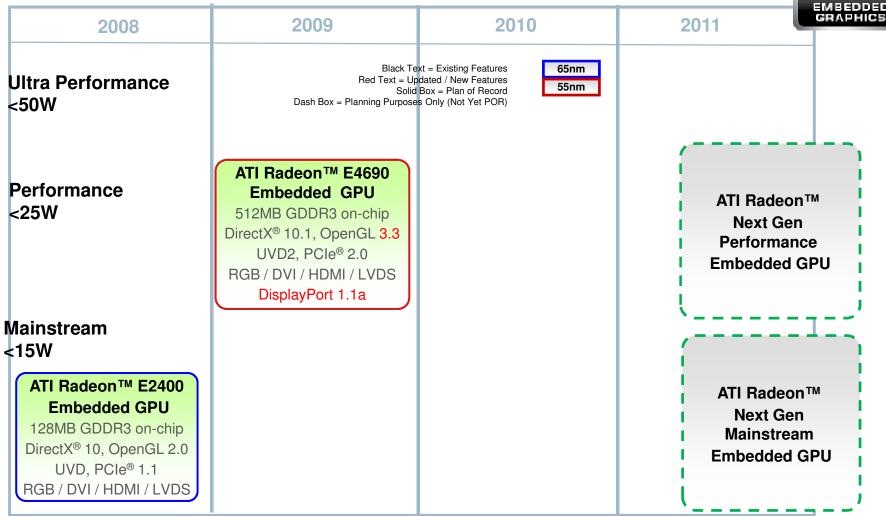




Embedded Discrete GPU ASIC Roadmap

(July 2010)

5+ year planned availability



Note: Production availability is for reference only. Features are preliminary and subject to change. Customer should always consult technical documentation for design specifications.

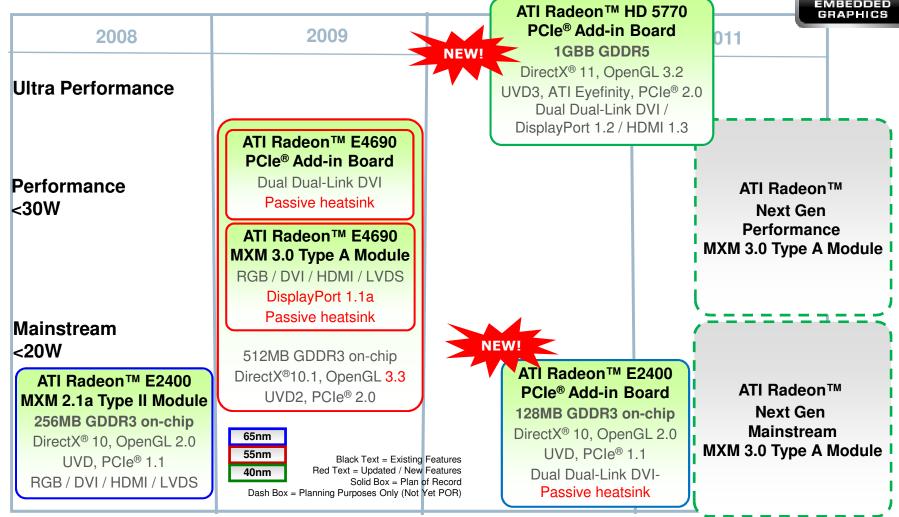




Embedded Discrete GPU Board Roadmap

(July 2010) 5+ year planned availability**





** **Note:** Production availability is for reference only. HD 5770 longevity 3 yrs. Features are preliminary and subject to change.

Customer should always consult technical documentation for design specifications.





For detailed information please refer to:

More information you find on www.amd.com/embedded

Technical documentation you find for...

Embedded Processors, chipsets, reference designs, technical documentation

Embedded developer website on wwwd.amd.com/dev (registration required)

Embedded Graphics

- Step 1) Go to http://secure.amd.com and click on Sign Up to create an account. Follow the instructions and note the email verification process to finalize the account. Close your browser before proceeding to Step 2.
- Step 2) Go to http://secure.amd.com/sites/edg and click on "Request NDA Access" under the How To section and fill in the form to be approved for full NDA technical documentation access.





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