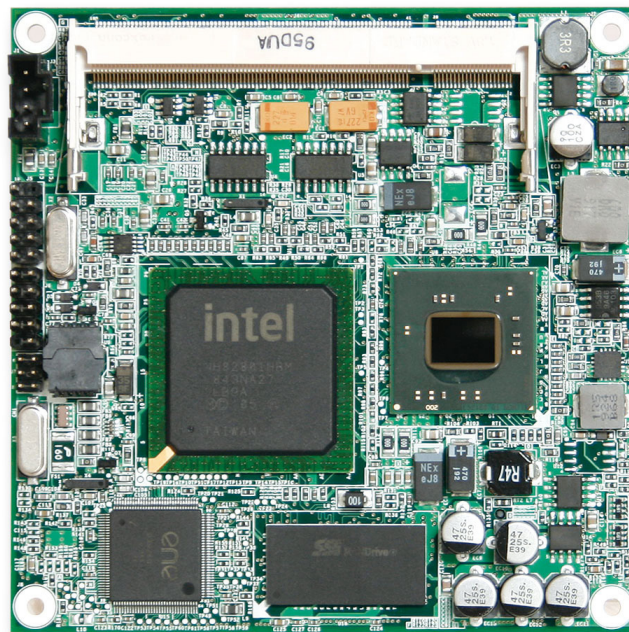


The H6215 is a compact, high performance Micro COM Express Module using Intel® Atom™ D510 (Pineview-D, dual core), N450 (Pineview-M, single core) and D410 (Pineview-D, single core) processors and the Intel® I/O Controller Hub 8 (ICH8M). The platform provides a cost effective solution with low power and duo core processor technology and is suitable for example as a long-term replacement in existing ETX designs.



## Features

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- Three Intel® Atom™ processor options:
  - D510 (Pineview-D, dual core)
  - N450 (Pineview-M, single core)
  - D410 (Pineview-D, single core)
- Supports up to 4GB DDR2 667/800 SDRAM
- One Intel® 82567V Gigabit Ethernet Controller
- Supports three SATA 300 drives
- Eight USB ports

## H6215 - Technical Specifications

GENERAL		I/O	
<b>Processor</b>	CPU: Intel® Atom™ D510/N450/D410 in FCBGA package. FSB: 533 MHz	<b>Ethernet</b>	One Intel® 82567V Gigabit Ethernet Controller
<b>Chipset/ Core Logic</b>	Intel® ICH8M	<b>USB</b>	Eight USB ports
<b>System Memory</b>	Supports up to 4GB DDR2 667/800 SDRAM	<b>DISPLAY</b>	
<b>BIOS</b>	AMI BIOS	<b>Graphic Controller</b>	- N450: Integrated Generation 2.5 graphics, supports DX9 Graphics up to 200MHz - D410/D510: Integrated Generation 3.5 graphics, supports DX9 Graphics up to 400MHz
<b>Storage Devices</b>	IDE: Support one IDE channel with Ultra DMA 100/66/33 SATA: Support three SATA 300 drives	<b>Graphic Memory</b>	Dynamic share system memory up to 256MB (Intel® DVM T 4.0)
<b>Solid State Disk</b>	On-board ATA 1GB Solid State Drive, up to 4GB	<b>Display Interface</b>	- Support CRT, 1x 18bit LVDS display interfaces - Resolution: CRT display: Pineview-M: up to 1400 x 1050 @ 60Hz refresh Pineview-D: up to 2048 x 1536 @ 60Hz refresh LVDS display: Pineview-M: up to 1280 x 800 Pineview-D: up to 1366 x 768
<b>Expansion Interface</b>	- Five PCI Express x1 lanes of which four x1 lanes can be configured to one x4 lane - PCI devices - LPC Interface - AC97 / High definition audio interface		
<b>Hardware Monitoring</b>	CPU Temperature		
<b>Power Requirem.</b>	Using D510: Approx. 17W Using N450: Approx. 10W Using D410: Approx. 13W		
<b>Dimension</b>	95 mm x 95 mm		
<b>Environ- ment</b>	Operation Temperature: 0° to +60 °C Storage Temperature: -20° to +80 °C Operation Humidity: 5 to 90%		

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