

ESMexpress[®] – System-On-Modules

	CPU	Memory max.	Interfaces max.	PCI Express	Software	Applications
XM2	Intel Core 2 Duo SP9300 / 2.26 GHz down to ULV Celeron M 722	4 GB DDR3 SDRAM	2 Gb Ethernet, 3 SATA, 8 USB 2.0, 2 SDVO, HD Audio	1 x16 PCI Express Graphics link, 4 x1 PCI Express links	Windows, Linux, VxWorks, QNX	Automation control, visualization, transportation, medical
XM1	Intel Atom Z530 / 1.6 GHz or Z510 / 1.1 GHz	1 GB DDR2 SDRAM	1 Gb Ethernet, 1 SATA, 8 USB 2.0, SDVO, LVDS, HD Audio	1 x1 link to local Gb Ethernet, 1 x1 link to carrier	Windows, Linux, VxWorks, QNX	Automation control, visualization, transportation, medical, avionics
XM50	PowerPC MPC8548 / 1.33 GHz down to MPC8543 / 800 MHz	2 GB DDR2 SDRAM (ECC), 2 MB SRAM, 128 KB FRAM	3 Gb Ethernet, 3 SATA, 6 USB 2.0 + 1 USB client	1 x8 link to carrier	Linux, VxWorks, QNX, Integrity	Automation control, industrial communication, robotics, transportation, medical, avionics