

Intel® Core™ i7 4th Gen 3U VPX Products

XPedite7570



XPedite7572



General Information

Special Features	Baseline Product	SecureCOTS™ with SmartFusion2™ FPGA
Processor	Core™ i7-4700EQ: 2.4 GHz, 6 MB cache Core™ i5-4402E: 1.6 GHz, 3 MB cache Core™ i5-4422E: 1.8 GHz, 3 MB cache	Core™ i7-4700EQ: 2.4 GHz, 6 MB cache Core™ i5-4402E: 1.6 GHz, 3 MB cache Core™ i5-4422E: 1.8 GHz, 3 MB cache
Chipset	QM87	QM87
SDRAM	Up to 16 GB DDR3-1600	Up to 16 GB DDR3-1600
NV Memory	Up to 32 GB NAND (SATA)	Up to 32 GB NAND (SATA)
Mezzanine(s)	XMC, PMC	XMC
Mezzanine I/O to BP	X12d XMC	X12d XMC
Ethernet	2x 1000BASE-BX to P1 2x 10/100/1000BASE-T to P2	2x 1000BASE-BX or 1x 10/100/1000BASE-T to P1 2x 10/100/1000BASE-T to P2
PCIe	x8 Gen3 XMC 2x x4 Gen2 NTB VPX	x8 Gen3 XMC 2x x4 Gen2 NTB VPX
Video	2x HDMI/DVI-D or 2x Dual-Mode DisplayPort	2x HDMI/DVI-D or 2x Dual-Mode DisplayPort
USB 2.0	2	2
SATA 6.0 Gb/s	4	4
Serial	2x RS-232/422/485	2x RS-232/422/485
Software	L, V, W	L, V, W
2LM	Yes	Yes
Pitch	0.8" and 1.0"	0.8" and 1.0"
Status	Production	Production

NTB = Non-Transparent Bridge capability

L = Linux BSP

V = Wind River VxWorks BSP

W = Microsoft Windows drivers

G = Green Hills INTEGRITY-178 BSP

Q = QNX Neutrino BSP

X = LynuxWorks LynxOS BSP

C = Existing coreboot with Intel® FSP support