

Intel® Core™ i7 3rd Gen 3U VPX Products

XPedite7470



XPedite7472



XPedite7477



XPedite7479



General Information

| Special Features | Baseline Product | SecureCOTS™ with SmartFusion™ FPGA | Intel® vPro™ AMT | X24s+X8d+X12d Support |
|---------------------|---|--|--|---|
| Processor | | Core™ i7-3555LE: 2.5 GHz, 4 MB cache Core™ i7-3517UE: 1.7 GHz, 4 MB cache Core™ i7-3612QE: 2.1 GHz, 6 MB cache | | |
| Chipset | QM67 | QM67 | QM67 | QM67 |
| SDRAM | 8 GB DDR3-1600 | 8 GB DDR3-1600 | 8 GB DDR3-1600 | 8 GB DDR3-1600 |
| NV Memory | Up to 16 GB NAND (USB) | Up to 32 GB NAND (SATA) | Up to 32 GB NAND (SATA) | Up to 32 GB NAND (SATA) |
| Mezzanine(s) | XMC, PMC | XMC, PMC | XMC | XMC |
| Mezzanine I/O to BP | X12d XMC, subset of P64s PMC | X12d XMC, subset of P64s PMC | X12d XMC | X24s+X8d+X12d XMC |
| Ethernet | 2x 1000BASE-BX or 1x 10/100/1000BASE-T to P1 1x 10/100/1000BASE-T to P2 | 2x 1000BASE-BX or 1x 10/100/1000BASE-T to P1 1x 10/100/1000BASE-T to P2 | 1x 1000BASE-BX or 1x 10/100/1000BASE-T to P1 1x 10/100/1000BASE-T Intel® vPro™ AMT port to P2 | 4x 1000BASE-BX or 2x 10/100/1000BASE-T to P1 |
| PCIe | x4 Gen2 NTB XMC 2x x4 Gen2 NTB VPX | x8 Gen3-capable XMC 2x x4 Gen2 NTB VPX | x8 Gen3-capable XMC 2x x4 Gen2 VPX | x8 Gen3-capable XMC 2x x4 Gen2 VPX |
| Video | 2x HDMI/DVI-D or 2x Dual-Mode DisplayPort | 2x HDMI/DVI-D or 2x Dual-Mode DisplayPort | 1x HDMI/DVI-D | 1x HDMI/DVI-D or 1x Dual-Mode DisplayPort |
| USB 2.0 | 2 | 2 | 2 | 2 |
| SATA 3 Gb/s | 2 | 2 | 2 | 2x SATA 3 Gb/s 2x SATA 6 Gb/s |
| Serial | 2x RS-232/422/485 | 2x RS-232/422/485 | 6x RS-232/422/485 | 2x RS-232/422/485 |
| Software | XEL, V, W | XEL, V, W | XEL, V, W | XEL, V, W |
| 2LM | No | No | No | No |
| Pitch | 0.8" and 1.0" | 0.8" and 1.0" | 0.8" and 1.0" | 0.8" and 1.0" |
| Status | Production | Production | Production | Production |

Accessories

| Recommended Rear Transition Module | XIt1070 | XIt1070 | XIt1070 XIt1079 | XIt1083 |
|------------------------------------|---------|---------|--------------------|---------|
|------------------------------------|---------|---------|--------------------|---------|

NTB = Non-Transparent Bridge capability
 XEL = X-ES Enterprise Linux BSP
 V = Wind River VxWorks BSP
 W = Microsoft Windows drivers
 2LM = Two-Level Maintenance