









M3- SE Processor Comparison

	M3-LITE (V1) 	M3-SE-APP4 	M3-SE-SRV3 	M3-SE-SRV3Q 	M3-SE-SRV4I 	M3-SE-SRV4X 	M3-SE-VSVR-P 	M3-SE-VSAN-P 
FEATURES	<ul style="list-style-type: none"> *Atom Server *Smallest Possible *Wearable *Lowest Power 	<ul style="list-style-type: none"> *i3 Server *General Purpose *Dedicated HW VM Appliance *Lowest Power in M3-SE Stack *Smallest Size in M3-SE Stack 	<ul style="list-style-type: none"> *Dual Core i7 Server *Legacy Contract Supported 	<ul style="list-style-type: none"> *Quad Core i7 Server *Legacy Contract Supported 	<ul style="list-style-type: none"> *High-performance i7 Server *Double Memory and Disk *Increased Capacity Storage *VMWare/Virtualization *Most Ethernet Ports 	<ul style="list-style-type: none"> *High-performance Xeon Server *Double Memory and Disk *Increased Capacity Storage *VMWare/Virtualization *Most Ethernet Ports 	<ul style="list-style-type: none"> *High-performance i7 Server *Hyper-converged Solution (HCS) *10 TB of Storage *Virtual Desktop Infrastructure (VDI) *VMWare/Virtualization *Software Defined Storage *Storage Density 	<ul style="list-style-type: none"> *High-performance i7 Server *Hyper-converged Solution (HCS) *10 TB of Storage *Virtual Desktop Infrastructure (VDI) *VMWare/Virtualization *Software Defined Storage *Storage Density
Processor/Cores/Speed								
Processor/Cores/Speed	Atom E3805/Dual Core/1.33 GHz	i3-3217 UE/Dual Core/1.6 GHz	i7-3555 LE/Dual Core/2.5-3.2 GHz	i7-3615 QE/Quad Core/ 2.3-3.3 GHz	i7-5700 EQ/Quad Core/2.7 - 3.5 GHz	E3-1278L/Quad Core/2 - 3.3 GHz	i7-5700 EQ/Quad Core/2.7 - 3.5 GHz	i7-5700 EQ/4/2.7 - 3.5 GHz
CACHE	1 MB	3 MB	6 MB	6 MB	32 MB	32 MB	32 MB	32 MB
Number of Threads	2	4	4	8	8	8	8	8
COMPUTER SPECIFICATIONS								
RAM	2 GB (up to 4 GB)	16 GB	16 GB	16 GB	32 GB	32 GB	32 GB	32 GB
Storage	8 GB (up to 128 GB)	up to 1 TB	up to 2 TB	up to 2 TB	up to 2 TB	up to 2 TB	up to 10 TB	up to 10 TB
TPM	-	v1.2 CF5 ONLY	v1.2	v1.2	v1.2	v1.2	v1.2	v1.2
100% VMWare HCL	-	-	-	-	✓	✓	✓	✓
INTERFACES								
Display Port	-	-	-	-	2	2	1	1
Mini Display Port	1	-	1	-	-	-	-	-
Console Port	1	1	1	1	1	1	1	1
VGA Port	-	1	1	1	-	-	-	-
eSATA Port	-	1	1	1	1	1	-	-
SATA Drive Slots	-	1	2	2	2	2	2	2
SAS Drive Slots	-	-	-	-	-	-	8 - RAID	8 - Host Bus Adapter (HBA)
GbE Port	4	4	2	2	4	4	2	2
GbE w/Active Management Technology	-	-	1	1	1	1	1	1
10G GbE Port	-	-	-	-	2	2	2	2
3.0 USB	1	2	4	4	4	4	3	3
2.0 USB	2	-	-	-	-	-	2	2
PHYSICAL								
Height	1.5"/38.10 mm	1.41"/35.81 mm	2.50"/63.50 mm	2.50"/63.50 mm	2.50"/63.50 mm	2.50"/63.50 mm	4.25"/107.95 mm	4.25"/107.95 mm
Width	3.5"/88.90 mm	10.25"/260.35 mm	10.25"/260.35 mm	10.25"/260.35 mm	10.25"/260.35 mm	10.25"/260.35 mm	10.25"/260.35 mm	10.25"/260.35 mm
Depth	6.75"/171.45 mm	5.06"/128.52	5.06"/128.52	5.06"/128.52	5.06"/128.52	5.06"/128.52	6.75"/171.45 mm	6.75"/171.45 mm
Weight	1.7 lbs/.77 kg	2.3 lbs/1.04 kg	4.3 lbs/ 1.95 kg	4.3 lbs/ 1.95 kg	3.0 lbs/1.36 kg	3.0 lbs/1.36 kg	7.3 lbs/3.31 kg	7.3 lbs/3.31 kg
Power Input	10-32 VDC	10-30 VDC	10-30 VDC	10-30 VDC	10-30 VDC	10-30 VDC	10-30 VDC	10-30 VDC
Power Consumption	9 W Average	15.2 W Min/34 W Max	23.3 W Min/50 W Max	23.2 Min/71 W Max	TBD	TBD	50 W Min/119 W Max	50 W Min/119 W Max
MTBF	Exceeds 72,900 hours	Exceeds 78,000 hours	Exceeds 41,600 hours	Exceeds 41,600 hours	TBD	TBD	Exceeds 83,000 hours	Exceeds 83,000 hours
Operational Temperature	-40° C to +65° C	-20° C to 65° C	-20° C to 65° C	-20° C to 65° C	-20° C to 65° C	-20° C to 65° C	-20° C to 65° C	-20° C to 65° C
Storage Temperature	-40° C to +65° C	-40° C to 85° C	-40° C to 85° C	-40° C to 85° C	-40° C to 85° C	-40° C to 85° C	-40° C to 85° C	-40° C to 85° C