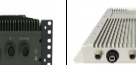




Our Vision is Your Vision

	SFF BOX							2U	1U Half		2U Half		
Avionics	N/A	N/A	N/A	N/A	Avionics	Avionics	Avionics	N/A	N/A	Avionics	N/A	N/A	N/A
Aircraft	N/A	N/A	N/A	N/A	Aircraft	Aircraft	Aircraft	N/A	N/A	Aircraft	N/A	N/A	N/A
Naval	Naval	Naval	Naval	Naval	Naval	Naval	Naval	Naval	Naval	Naval	Naval	Naval	Naval
Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle
ID													
Model	SEAV700X5	SEASR700-X4	SEAV600-THT	SEAV600-TH	SEAV600-THT	SEAV600X-TH	SEAV600X-CH	SEAHORUS430-X1A45	SEATHOR100-X11	SEATHOR100-XD7	SEATHOR200-X11TX	SEATHOR200-X11EHG2	SEATHOR200-D15EG
CPU	W-11865MRE	E-2276ML	W-11865MRE	W-11865MLE	W-11865MRE	W-11865MLE	E-2276ML	i7-11850HE	i7-1185G7E	E-2276ML	i7-11850HE	i7-11850HE	D-1577
GPU	N/A	MXM A1000	MXM A4500	MXM A1000	MXM A4500	MXM A1000	MXM A1000	MXM A4500	N/A	N/A	MXM A2000	MXM A2000	MXM A2000
RAM	DDR4-16GB (up to 64GB)	DDR4-16GB (up to 128GB)	DDR4-16GB (up to 128GB)	DDR4-16GB (up to 96GB)	DDR4-16GB (up to 96GB)	DDR4-16GB (up to 96GB)	DDR4-16GB (up to 128GB)	DDR4-16GB (up to 64GB)	DDR4-16GB (up to 32GB)	DDR4-16GB (up to 128GB)	DDR4-16GB (up to 64GB)	DDR4-16GB (up to 64GB)	DDR4-16GB (up to 128GB)
STORAGE	NVMe 4.0 512GB (MB/sec, Max.) 7,150/5,250 MB	NVMe 3.0 512GB (MB/sec, Max.) 3,400/3,200 MB	Soldered 64GB NVMe	mSATA 512GB	Soldered 64GB NVMe	mSATA 512GB	NVMe 3.0 512GB. (MB/sec, Max.) 3,400/3,200 MB	mSATA 512GB	NVMe 3.0 512GB. (MB/sec, Max.) 3,400/3,200 MB	NVMe 3.0 512GB. (MB/sec, Max.) 3,400/3,200 MB	mSATA 512GB	mSATA 512GB	mSATA 512GB
DC 28V (18V~36V) MIL-461/1275	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
DC 28V (10V~40V) MIL-461/1275/704	N/A	N/A	N/A	N/A	YES	YES	YES	N/A	YES	YES	N/A	N/A	N/A
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Rack-Mount	N/A	N/A	N/A	N/A	N/A	N/A	N/A	YES	YES	YES	YES	YES	YES
MXM-GPU	N/A	YES	YES	YES	YES	YES	YES	YES	N/A	N/A	YES	YES	YES
PCI-E GPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GPU 35W	N/A	YES	YES	YES	YES	YES	YES	YES	N/A	N/A	YES	YES	YES
GPU 110W	N/A	N/A	YES	N/A	YES	YES	N/A	YES	N/A	N/A	N/A	N/A	N/A
Xeon 25W	YES	YES	YES	YES	YES	YES	YES	YES	N/A	YES	YES	YES	YES
Xeon 45W	N/A	YES	YES	YES	YES	YES	YES	YES	N/A	N/A	YES	YES	YES
Xeon 65W	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	YES
Xeon 100W	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Swappable SSD	N/A	N/A	YES	YES	YES	YES	YES	YES	N/A	N/A	YES	YES	YES
NVMe-Drive	YES	YES	N/A	N/A	N/A	N/A	YES	N/A	YES	YES	N/A	N/A	N/A
AES (H/W) Key	N/A	N/A	N/A	N/A	Options	Options	Options	Options	N/A	N/A	Options	Options	Options
10GbE (NIC)	N/A	N/A	N/A	N/A	Options	Options	N/A	YES	Options	N/A	Options	Options	Options
Swappable CMOS	N/A	N/A	N/A	N/A	Options	Options	Options	Options	N/A	N/A	Options	Options	Options
MIL-1553	N/A	N/A	N/A	N/A	Options	Options	Options	N/A	N/A	Options	N/A	N/A	N/A
ARINC 429	N/A	N/A	N/A	N/A	Options	Options	Options	N/A	N/A	Options	N/A	N/A	N/A
MIL-461	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
MIL-461/1275	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
MIL-461/1275/704	N/A	N/A	N/A	N/A	YES	YES	YES	YES	N/A	YES	YES	YES	YES
I/O	4xRS232/422/485 +4 BIT DIO (D38999)	mDP(M12)	DVI+2xCOM+USB2.0 (D38999)	4xRS232/422/485 +4 BIT DIO (D38999)	DVI+2xCOM+USB2.0 (D38999)	4xRS232/422/485 +4 BIT DIO (D38999)	4xRS232/422/485 +4 BIT DIO (D38999)	4x USB (D38999)	COM(M12)	DC-IN(D38999)	4xUSB2.0/2xCANbus/VGA (D38999)	4xUSB2.0(D38999)	3xUSB2.0(D38999)
	2xGLAN+3xUSB 2.0 (D38999)	USB(M12)	4xGLAN (D38999)	2xGLAN+3xUSB 2.0 (D38999)	4xGLAN (D38999)	2xGLAN+3xUSB 2.0 (D38999)	2xGLAN+3xUSB 2.0 (D38999)	10G LAN1(M12)	mDP(M12)	GLAN1(D38999)	USB3.0(D38999)	USB3.0(D38999)	USB3.0(D38999)
	DVI(D38999)	COM (M12)	USB3.0(D38999)	DVI(D38999)	USB3.0(D38999)	DVI(D38999)	DVI(D38999)	10G LAN2(M12)	GLAN1(M12)	GLAN2(D38999)	2xGLAN+2x RS232 (D38999)	2xGLAN+2x RS232 (D38999)	2xGLAN+2x RS232 (D38999)
	DVI(D38999)	GLAN1(M12)	USB3.0(D38999)	DVI(D38999)	USB3.0(D38999)	DVI(D38999)	DVI(D38999)	GLAN3(D38999)	GLAN2(M12)	mDP(D38999)	HD-SDI(BNC) Connector	VGA+DVI(D38999)	VGA+DVI(D38999)
	DC-IN(D38999)	GLAN2(M12)	DC-IN(D38999)	DC-IN(D38999)	DC-IN(D38999)	DC-IN(D38999)	DC-IN(D38999)	GLAN4(D38999)	2xUSB2.0(M12)	mDP(D38999)	DC-IN(D38999)	DC-IN(D38999)	DC-IN(D38999)
		DC-IN(M12)	2x SWAP SSD TRAY	1x SWAP SSD TRAY	2x SWAP SSD TRAY	1x SWAP SSD TRAY	1x SWAP SSD TRAY	RS232(D38999)	DC-IN(M12)	USB3.0(D38999)	1x SWAP SSD TRAY	2x SWAP SSD TRAY	2x SWAP SSD TRAY
								DVI (D38999)		USB3.0(D38999)			
								DVI (D38999)					
								DC-IN(D38999)					



Our Vision is Your Vision

XEON D Server							
Avionics	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aircraft	Aircraft	N/A	N/A	N/A	Aircraft	N/A	N/A
Naval	Naval	Naval	Naval	N/A	N/A	Naval	Naval
Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle	Vehicle
ID							
Model	SEASR800	SEAV800	SEASR800-D27	SEAROC-254A	SEAHORUS-200	SEAV800-D27A45	SEAV800-D27
CPU	D-1587	D-2183IT	D-2183IT	D-1541	D-1587	D-2796NT	D-2796NT
CORE	16	16	16	8	16	20	20
THREAD	32	32	32	16	32	40	40
CACHE	24MB	22MB	22MB	12MB	24MB	30MB	30MB
GPU-1	N/A	Tesla T4	MXM A2000	N/A	N/A	MXM A4500	MXM A4500
GPU-2	N/A	N/A	N/A	N/A	N/A	MXM A4500	N/A
RAM	DDR4- 32GB (up to 128GB)	DDR4-32G (up to 256G)	DDR4-32G (up to 256G)	DDR4- 32GB (up to 128GB)	DDR4- 32GB (up to 128GB)	DDR4-32G (up to 256G)	DDR4-32G (up to 256G)
STORAGE	NVMe 3.0 512GB/sec, 3,400/3,200 MB	NVMe 3.0 512GB/sec, 3,400/3,200 MB	NVMe 3.0 512GB/sec, 3,400/3,200 MB	NVMe 3.0 512GB (MB/sec, Max.) 3,400/3,200 MB	NVMe 3.0 512GB (MB/sec, Max.) 3,400/3,200 MB	NVMe 4.01TB (MB/sec, Max.) 7,150/5,200 MB	NVMe 4.01TB (MB/sec, Max.) 7,150/5,200 MB
DC 28V (18V~36V)	YES	YES	YES	N/A	YES	YES	YES
MIL-STD-1275 (10V~40V)	YES	N/A	N/A	N/A	YES	YES	YES
MIL-STD-1375/70	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Rack Mount	N/A	N/A	N/A	YES	YES	N/A	N/A
MXM-GPU	N/A	N/A	YES	N/A	N/A	N/A	YES
PCI-E GPU	N/A	YES	YES	N/A	N/A	YES	YES
GPU 35W	N/A	YES	YES	N/A	N/A	YES	YES
GPU 110W	N/A	YES	YES	N/A	N/A	YES	YES
Xeon 45W	YES	YES	YES	YES	YES	YES	YES
Xeon 65W	YES	YES	YES	YES	YES	YES	YES
Xeon 120W	N/A	YES	YES	N/A	N/A	YES	YES
Swappable SSD	YES	Options	YES	YES	YES	YES	YES
NVMe-Drive	YES	YES	YES	YES	YES	YES	YES
AES (H/W) Key	YES	Options	YES	N/A	YES	YES	YES
10GbE (NIC)	YES	YES	YES	N/A	YES	YES	YES
25GbE(NIC)	N/A	N/A	N/A	N/A	N/A	Options	YES
100GbE(NIC)	N/A	N/A	N/A	N/A	N/A	N/A	1
Swappable CMOS	YES	Options	YES	N/A	YES	YES	YES
I/O	VGA (M20)	2x10GLAN(D38999)	DC-IN(D38999)	DP(Type A)	2xUSB 2.0 (Type A)	DC-IN(D38999)	DC-IN(D38999)
	IPMI (M20)	VGA(D38999)	2xUSB3.0(D38999)	IPMI LAN(RJ45)	1xRS-232(D-Sub)	USB3.0(D38999)	USB3.0(D38999)
	2*USB3.0(M20)	2xUSB3.0(D38999)	IPMI LAN(D38999)	2xGLAN(RJ45)	4xGLAN(RJ45)	GBase-T LAN (D38999)	GBase-T LAN (D38999)
	USB2.0(M20)	DC-IN(D38999)	2x10GBase-T LAN(D38999)	2xUSB 3.0 (Type-A)	DC-IN(Souriau)	GBase-T LAN (D38999)	GBase-T LAN (D38999)
	DC-IN (Souriau)	2x SWAP SSD TRAY	2x10GFiber LAN(D38999)	2xUSB 2.0 (Type A)	2xUSB 3.0 (Type-A)	10GBase-T LAN(D38999)	10GBase-T LAN(D38999)
	GLAN (Souriau)		VGA (D-SUB)	AC-IN(IEC C14 Plug)	2x10GLAN(RJ45)	10GBase-T LAN(D38999)	10GBase-T LAN(D38999)
	100M(Souriau)		Dual SSD Easy Swap Tray		Dual SSD Easy Swap Tray	25GLAN(LCFT) Options	100G(Fiber FSI)
	RS232(Souriau)				VGA (D-SUB)	25GLAN(LCFT) Options	10GLAN(LCFT) Options
						VGA (D-SUB)	VGA (D-SUB)

Panel PC & Display									
Military	Military		Military			Military		Military	
ID									
Model	SEACL12-P04E	SEACL12-P04	SEACL15-P20E	SEACL15-P20	SEACL15-P20A20	SEAKY12-P04E	SEAKY12-P04	SEAKY15-P20E	SEAKY15-P20
CPU	i7-1185G7E	i7-1185G7E	E-2276ML	E-2276ML	E-2276ML	N/A	N/A	N/A	N/A
GPU	N/A	N/A	Options	Options	A2000	N/A	N/A	N/A	N/A
RAM	DDR4-16GB (up to 32GB)	DDR4-16GB (up to 32GB)	DDR4-16GB (up to 64GB)	DDR4-16GB (up to 64GB)	DDR4-16GB (up to 64GB)	N/A	N/A	N/A	N/A
STORAGE	NVMe 3.0 512GB (MB/sec, 1500/5,250 MB)	NVMe 3.0 512GB (MB/sec, 1500/5,250 MB)	2.5" SATA 512GB	2.5" SATA 512GB	2.5" SATA 512GB	N/A	N/A	N/A	N/A
LCD Panel	12.1" TFT LCD	12.1" TFT LCD	15" TFT LCD	15" TFT LCD	15" TFT LCD	12.1" TFT LCD	12.1" TFT LCD	15" TFT LCD	15" TFT LCD
Resolution	1024x768 XGA	1024x768 XGA	1024x768 XGA	1024x768 XGA	1024x768 XGA	1024x768 XGA	1024x768 XGA	1024x768 XGA	1024x768 XGA
Aspect Ratio	"4:3	"4:3	"4:3	"4:3	"4:3	"4:3	"4:3	"4:3	"4:3
Brightness	1000 nits	1000 nits	1000 nits	1000 nits	1000 nits	1000 nits	1000 nits	1000 nits	1000 nits
Touch Panel	Glass-Film-Glass 5-Wire resistor touch panel(Optional)	Glass-Film-Glass 5-Wire resistor touch panel(Optional)	Glass-Film-Glass 5-Wire resistor touch panel(Optional)	Glass-Film-Glass 5-Wire resistor touch panel(Optional)	Glass-Film-Glass 5-Wire resistor touch panel(Optional)	Glass-Film-Glass 5-Wire resistor touch panel(Optional)	Glass-Film-Glass 5-Wire resistor touch panel(Optional)	Glass-Film-Glass 5-Wire resistor touch panel(Optional)	Glass-Film-Glass 5-Wire resistor touch panel(Optional)
Function key	4 Programmable	4 Programmable	20 Programmable Function keys	20 Programmable	20 Programmable	4 Programmable	4 Programmable	20 Programmable	20 Programmable
Display Control	Function keys Power On/Off LCD Brightness +/- Function key backlight On/Off Display mode Select (On/Off/Night Vision)	Function keys Power On/Off LCD Brightness +/- Function key backlight On/Off Display mode Select (On/Off/Night Vision)	Power On/Off LCD Brightness +/- Function key backlight On/Off Display mode Select (On/Off/Night Vision)	Function keys Power On/Off LCD Brightness +/- Function key backlight On/Off Display mode Select (On/Off/Night Vision)	Function keys Power On/Off LCD Brightness +/- Function key backlight On/Off Display mode Select (On/Off/Night Vision)	Function keys Power On/Off LCD Brightness +/- Function key backlight On/Off Display mode Select (On/Off/Night Vision)	Function keys Power On/Off LCD Brightness +/- Function key backlight On/Off Display mode Select (On/Off/Night Vision)	Function keys Power On/Off LCD Brightness +/- Function key backlight On/Off Display mode Select (On/Off/Night Vision)	Function keys Power On/Off LCD Brightness +/- Function key backlight On/Off Display mode Select (On/Off/Night Vision)
DC 28V (9V~36V)	YES	YES	YES	YES	YES	YES	YES	YES	YES
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65
MIL-461 (RE102)	YES	YES	YES	YES	YES	YES	YES	YES	YES
MIL-461/1275	YES	N/A	YES	N/A	N/A	YES	N/A	YES	N/A
I/O	DVI(D38999)	DVI(D38999)	DVI(D38999)	DVI(D38999)	DVI(D38999)	DVI(D38999)	DVI(D38999)	DVI(D38999)	DVI(D38999)
	2 x USB + 1 x COM(D38999)	2 x USB + 1 x COM(D38999)	2 x USB + 1 x COM(D38999)	2 x USB + 1 x COM(D38999)	2 x USB + 1 x COM(D38999)	2 x USB(D38999)	2 x USB(D38999)	2 x USB(D38999)	2 x USB(D38999)
	2 x GLAN(D38999)	2 x GLAN(D38999)	2 x GLAN(D38999)	2 x GLAN(D38999)	2 x GLAN(D38999)	DC-IN(D38999)	DC-IN(D38999)	DC-IN(D38999)	DC-IN(D38999)
	DC-IN(D38999)	DC-IN(D38999)	DC-IN(D38999)	DC-IN(D38999)	DC-IN(D38999)				