Model Comparison CS2200 Series

Variants

Variants													WE ARMOR IT.
	CS2201	CS2202	CS2207	CS2209	CS2212	CS2213	CS2214	CS2221	C\$2222	CS2241	CS2243	CS2245	C2246
Product Picture	65 66 E	1 mil 6000	0000		THE REAL POR	111 1000	WI 656.8	TO SEE	MIT Free .	THE STATE OF	1000000	TITE OF	111 665
Connector type	MIL	MIL	MIL	MIL	MIL	MIL	MIL	Industrial	Industrial	MIL	MIL 2	MIL 20	MIL 20
					Technical Specification								
Processor	Intel Xeon-E 2276ML	Intel Xeon-E 2276ML	Intel Xeon-E 2276ML	Intel Xeon-E 2276ML	Intel Xeon-E 2276ML	Intel Xeon-E 2276ML	Intel Xeon-E 2276ML	Intel Xeon-E 2276ML					
RAM	6 cores (12 threads) Up to 64GB DDR4 ECC	6 cores (12 threads) Up to 64GB DDR4 ECC	6 cores (12 threads) Up to 64GB DDR4 ECC	6 cores (12 threads) Up to 64GB DDR4 ECC	6 cores (12 threads) Up to 64GB DDR4 ECC	6 cores (12 threads) Up to 64GB DDR4 ECC	6 cores (12 threads) Up to 64GB DDR4 ECC	6 cores (12 threads) Up to 64GB	6 cores (12 threads) Up to 64GB	6 cores (12 threads) Up to 64GB	6 cores (12 threads) Up to 64GB	6 cores (12 threads) Up to 64GB	6 cores (12 threads) Up to 64GB
Graphics	Intel HD Graphics 630	Intel HD Graphics 630	Intel HD Graphics 630	Intel HD Graphics 630	Intel HD Graphics 630	Intel HD Graphics 630	Intel HD Graphics 630	Intel HD Graphics 630					
Storage	1x M.2 NVME (internal)	1x M.2 NVME (removable)	1x M.2 SATA (internal)	1x M.2 SATA (internal)	1x M.2 NVME (removable)	1x M.2 NVME (removable)	1x M.2 NVME (removable)	1x M.2 NVME (removable)	1x M.2 NVMe (internal)	1x M.2 NVMe (internal)			
Dimensions	220 x 341 x 43.4 mm	220 x 341 x 43.4 mm	220 x 353 x 43.4 mm	220 x 353 x 43.4 mm	220 x 335 x 43.,4 mm	220 x 349 x 43.4 mm	220 x 349 x 43.4 mm	220 x 341 x 43.4 mm	220 x 375 x 43.4 mm	220 x 380 x 43.4 mm	220 x 365 x 43.4	220 x 355 x 43.4 mm	220 x 406.7 x 43.4 mm
(WxDH)	(8.7 x 13. 4x 1.7 inch)	(8.7 x 13.4 x 1.7 inch)	(8.7 x 13.9 x 1.7 inch)	(8.7 x 13.9 x 1.7 inch)	(8.7 x 13.2 x 1.7 in)	(8.7 x 13.7 x 1.7 inch)	(8.7 x 13.7 x 1.7 inch)	(8.66 x 13.4 x 1.71 inch)	(8.66 x 14.76 x 1.71 inch)	(8.7 x 15.0 x 1.7 inch)	(8.7 x 14.4 x 1.7 inch)	(8.7 x 13.9 x 1.7 inch)	(8.7 x 16 x 1.7 inch)
Weight	3.5 kg (7.8 lbs)	3.8 kg (8.4 lbs)	3.5 kg (7.8 lbs)	3.5 kg (7.8 lbs)	3.5 kg (7.8 lbs)	4 kg (8.9 lbs)	3.7 kg (8.2 lbs)	3.8 kg (8.4 lbs)	TBD	TBD			
Power consumption (excl. startup peak)	ldle: 13W Typical: 60W Max: 100	ldle: 13W Typical: 60W Max: 100W	ldle 25 W Typ 60 W Max 100 W	ldle 25 W Typ 55 W Max 100 W	Idle 25 W Typ 60 W Max 100 W	Idle 15 W Typ 65 W Max 100 W	ldle 15 W Typ 65 W Max 100 W	Idle: 13W Typical: 60W Max: 100W	ldle: 25W Typical: 55W Max: 95W	ldle: 21W Typical: 57W Max: 91W	ldle: 25W Typical: 70W Max: 100W	TBD	тво
Diskbay		MDB201	MDB201	MDB201	MDB201			MDB201	MDB201	MDB201	MDB201		MDB201
CAN	_	-	2x CAN2.0B	2x CAN2.0B	WDDLUT			-	-	-	MDDEGT		1x CAN2.0B 1x CAN2.0B (RX only)
Video	1x VGA 1x DVI	1x VGA 1x DVI	2x DVI 2x SDI out**	1x DVI 2x SDI out	2x DVI	2x VGA	1x VGA 1x DVI	1x VGA 1x HDMI 1x DVI	3x HDMI	1x DVI	2x DVI	1x DVI	1x DVI 2x SDI out
Ethernet	4x 1000Base-T	4x 1000Base-T	4x 1000Base-T	4x 1000Base-T	1 X 1000Base-SX	4x 1000Base-T	4x 1000Base-T	4x 1000Base-T	2x 1000Base-T	2x 1000Base-T	2x 1000Base-SX	2x 1000Base-SX 2X 1000Base-T	3X 1000Base-T
Serial	3x RS232* (Full)	3x RS232* (Full)	1x RS232* (Full) 2x RS232* (Rx/Tx)	1x RS232* (Full) 2x RS232* (Rx/Tx)	1x RS232* (Full) 2x RS232* (Rx/Tx)	2x RS232* (Full)	2x RS232* (Full)	2x RS232 (full)	-	1x RS232 (Rx/Tx)	1x RS232* (Full)	-	1x RS232* (Full) 2x RS232* (Rx/Tx)
USB	2x USB 3.2 Gen 1 3x USB2.0	2x USB 3.2 Gen 1 3x USB2.0	2x USB 3.2 Gen 1 7x USB2.0	2x USB 3.2 Gen 1 7x USB2.0	2x USB 3.2 Gen 1 7x USB2.0	6x USB2.0	6x USB2.0	4x USB3.2 Gen 1	2x USB3.2 Gen 1 4x USB2.0	1x USB 3.2 Gen 1 4x USB2.0	1x USB 3.2 Gen 1 2x USB2.0	1x USB 3.2 Gen 1 1x USB2.0	2x USB 3.2 Gen 1 6x USB2.0
Service	1x MilDef Service	1x MilDef Service	1x MilDef Service	1x MilDef Service	1x MilDef Service	1x MilDef Service	1x MilDef Service	1x MilDef Service		1x MilDef Service	1x MilDef Service	1x MilDef Service	1x MilDef Service
Wireless													
GPS/GNSS													GPS
Other interfaces	Audio, Remote power on	Audio	Audio, Digital I/O	Audio, Digital I/O			Audio, Digital I/O	Remote power on		Audio, Digital IO, Remote power			
Fan													-
Power connector	38999/20ZB98PN	38999/20ZB98PN	38999/20ZB98PN	38999/20ZB98PN	38999/20ZB98PN	ITT CA-B (ITS)	ITT CA-B (ITS)	38999/20ZB98PN	38999/20ZB98PN	38999/20FB35SN	38999/20ZB98PN	38999/20ZB98PN	38999/20ZB98PN
Power	12-32V DC	12-32V DC	12-32V DC	12-32V DC		12-32V DC	12-32V DC	12-32V DC					
IP rating	IP65	IP65	IP65	IP65	IP67	IP65	IP65	IP65	IP65	IP65	IP65	IP65	TBD
ir rating													
Military	MIL-STD-461F MIL-STD-810G	MIL-STD-461F MIL-STD-810G	MIL-STD-461F MIL-STD-810G	MIL-STD-461F MIL-STD-810G	MIL-STD-461F MIL-STD-810G	MIL-STD-461F MIL-STD-810G	MIL-STD-461F MIL-STD-810G	MIL-STD-461F MIL-STD-810G	MIL-STD-461F MIL-STD-810H	MIL-STD-461F MIL-STD-810G	MIL-STD-461F MIL-STD-810H	MIL-STD-461F MIL-STD-810G	MIL-STD-461F MIL-STD-810G
Standards	MIL-STD-1275D	MIL-STD-1275D	MIL-STD-1275D	MIL-STD-1275D	MIL-STD-1275E	MIL-STD-1275D	MIL-STD-1275D	MIL-STD-1275D	MIL-STD-1275D	MIL-STD-1275D	MIL-STD-1275D	MIL-STD-1275D	MIL-STD-1275D
Temp operating	-40°C to +65°C (-40°F to 149 °F)	-40°C to +65°C (-40°F to 149 °F)	40°C to +55°C (-40°F to 131 °F)	40°C to +55°C (-40°F to 131 °F)	-40°C to +65°C (-40°F to 149 °F)	-40°C to +55°C (-40°F to 131 °F)	-40°C to +55°C (-40°F to 131 °F)	-40°C to +65°C (-40°F to 149°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +65°C (-40°F to 149°F)	-40°C to +55°C (-40°F to 131 °F)	-40°C to +60°C (-40°F to 140°F)	TBD
Temp storage	-40°C to +71°C (-40°F to 160°F)	-40°C to +71°C (-40°F to 160°F)	-40°C to +71°C (-40°F to 160°F)	-40°C to +71°C (-40°F to 160 °F)	-40°C to +71°C (-40°F to 160 °F)	-40°C to +71°C (-40°F to 160 °F)	-40°C to +71°C (-40°F to 160°F)	-40°C to +71°C (-40°F to 160 °F)	-40°C to +71°C (-40°F to 160 °F)	-40°C to +71°C (-40°F to 160 °F)	-40°C to +71°C (-40°F to 160 °F)	-40°C to +71°C (-40°F to 160 °F)	-40°C to +71°C (-40°F to 160°F)

MILDEF

^{*} RS232/RS422/RS485 software configurable

^{**} Same videostream out on both interfaces

Model Comparison CS2200 Series

MIL Connectors	
	C\$2271
Product Picture	
Connector type	MIL 2023
Processor	Intel Xeon-E 2276ME
	6 cores (12 threads)
RAM	Up to 64GB DDR4 ECC
Graphics	Intel HD Graphics 630
Storage	3x 2.5" SATA SSD (removable)
RAID	RAID 0,1,5 (w. supercap cache)
Switch	-
PTP (IEEE 1588)	-
Dimensions (WxDH)	220 x 418 x 87.9 (8.7 x 15.5 x 3.5 inch)
Weight	TBD
Power consumption (excl. startup peak)	TBD
Diskbay	TBD
Diskbay CAN	-
CAN	- 1x DVI
CAN Video	- 1x DVI 1x VGA 4x 1000Base-T 1xRS232 (full)
CAN Video Ethernet	1x DVI 1x VGA 4x 1000Base-T
CAN Video Ethernet Serial	1x DVI 1x VGA 4x 1000Base-T 1xRS232 (full) 2x RS232 (RV/Tx)
CAN Video Ethernet Serial USB	1x DVI 1x VGA 4x 1000Base-T 1xRS232 (full) 2x RS232 (RVTx) 6x USB 2.0
CAN Video Ethernet Serial USB Service	1x DVI 1x VGA 4x 1000Base-T 1xRS232 (full) 2x RS232 (RVTx) 6x USB 2.0
CAN Video Ethernet Serial USB Service Wireless GPS/GNSS Other interfaces	1x DVI 1x VGA 4x 1000Base-T 1xRS232 (full) 2x RS232 (Rx/Tx) 6x USB 2.0 1x MilDef Service Audio, Remote power on
CAN Video Ethernet Serial USB Service Wireless GPS/GNSS	1x DVI 1x VGA 4x 1000Base-T 1xRS232 (full) 2x RS232 (Rx/Tx) 6x USB 2.0 1x MilDef Service
CAN Video Ethernet Serial USB Service Wireless GPS/GNSS Other interfaces Fan Power connector	LX DVI LX DVI LX VGA 4x 1000Base-T LxRS232 (full) 2x RS232 (Rx/Tx) 6x USB 2.0 LX MilDef Service Audio, Remote power on Yes ITT CA-B (ITS)
CAN Video Ethernet Serial USB Service Wireless GPS/GNSS Other interfaces Fan	1x DVI 1x VGA 4x 1000Base-T 1xRS232 (full) 2x RS232 (RVTx) 6x USB 2.0 1x MilDef Service Audio, Remote power on Yes
CAN Video Ethernet Serial USB Service Wireless GPS/GNSS Other interfaces Fan Power connector	1x DVI 1x VGA 4x 1000Base-T 1xRS232 (full) 2x RS232 (Rx/Tx) 6x USB 2.0 1x MilDef Service Audio, Remote power on Yes ITT CA-B (ITS) 12-36V DC
CAN Video Ethernet Serial USB Service Wireless GPS/GNSS Other interfaces Fan Power connector Power	1x DVI 1x VGA 4x 1000Base-T 1xRS232 (full) 2x RS232 (Rx/Tx) 6x USB 2.0 1x MilDef Service Audio, Remote power on Yes ITT CA-B (ITS) 12-36V DC IP65 MIL-STD-461F
CAN Video Ethernet Serial USB Service Wireless GPS/GNSS Other interfaces Fan Power connector	1x DVI 1x VGA 4x 1000Base-T 1xRS232 (full) 2x RS232 (RVTx) 6x USB 2.0 1x MilDef Service Audio, Remote power on Yes ITT CA-B (ITS) 12-36V DC
CAN Video Ethernet Serial USB Service Wireless GPS/GNSS Other interfaces Fan Power connector Power IP rating Military	1x DVI 1x VGA 4x 1000Base-T 1xRS232 (full) 2x RS232 (Rv/Tx) 6x USB 2.0 1x MilDef Service Audio, Remote power on Yes ITT CA-B (ITS) 12-36V DC IP65 MIL-STD-461F MIL-STD-810G

^{*} RS232/RS422/RS485 software configurable

^{**} Same videostream out on both interfaces

Model Comparison CS2200 Series with NVIDIA GPU



with NVIDIA GPU			TE ANNOT II.
	CS2208	CS2269	CS2281
Product Picture			
Connector type	MIL	MIL	MIL
	Technical Specification		
Processor	Intel Xeon-E 2276ML 6 cores (12 threads)	Intel Xeon-E 2276ME 6 cores (12 threads)	Intel Xeon-E 2276ML 6 cores (12 threads)
RAM	Up to 64GB DDR4 ECC	Up to 64GB DDR4 ECC	16GB
Graphics	NVIDIA RTX™ A1000	NVIDIA RTX™ A1000	NVIDIA A1000
Storage	1x M.2 NVME (removable)	1x M.2 NVME (removable)	1x M.2 SATA (internal)
Dimensions (WxDH)	220 x 385 x 88 mm (8.7 x 15.2 x 3.5 inch)	220 x 395 x 88 mm (8.7 x 15.6 x 3.5 inch)	220 x 87.9 x 369 mm (8.66 x 3.5 x 14.5 inch)
Weight	6.3 kg (14 lbs)	6 kg (13.2 lbs)	7.3 kg (16.1 lbs)
Power consumption (excl. startup peak)	TBD	ldle:35 W Typical: 85 W Max: 136W	Max 150W
	Interfaces		
Diskbay	MDB201	MDB201	-
CAN			1x CAN2.0
Video	2x DVI	2x DVI	2x DVI
Ethernet	4x 1000Base-T	1x 1000Base-SX	1x ETH 1000BASE-T 1x ETH 10GBASE-SR
Serial	1x RS232* (Full) 2x RS232* (Rx/Tx)	1x RS232* (Full) 2x RS232* (Rx/Tx)	2x RS232 (Full)
USB	2x USB3.2 gen 1 7x USB2.0	2x USB3.2 gen 1 7x USB2.0	3x USB 3.2 Gen 1
Service	1x MilDef Service	1x MilDef Service	1x MilDef Service
Wireless	-	-	-
GPS/GNSS	-	-	
Other interfaces	Audio, Remote power on	Audio	Audio, Status, Remote power on
Fan	Yes	Yes	External Fan
Power connector	38999/20ZB98PN	38999/20ZB98PN	D38999/20ZC4PN
Power	16-32V DC	16-32V DC	12-36V DC
	Environmental Specification		
IP rating	IP65	IP65	IP65
Military Standards	MIL-STD-461F MIL-STD-810G MIL-STD-1275D	MIL-STD-461F MIL-STD-810G MIL-STD-1275D	MIL-STD-461G Def Stan 59-411 STANAG 2895 MIL-STD-810H
Temp operating	TBD	TBD	TBD
Temp storage	-40°C to +71°C (-40°F to 160 °F)	-40°C to +71°C (-40°F to 160 °F)	TBD

^{*} RS232/RS422/RS485 software configurable

^{**} Same videostream out on both interfaces

Model Comparison CS2200 Series Network computer



Network computer		
	CS2291	CS2292
Product Picture	######################################	THE SALES
Connector type	Industrial	MIL
Processor	Intel Xeon-E 2276ML 6 cores (12 threads)	Intel Xeon-E 2276ML 6 cores (12 threads)
RAM	Up to 64GB	Up to 64GB
Graphics	Intel HD Graphics 630	Intel HD Graphics 630
Storage	1x M.2 NVME (internal)	1x M.2 NVME (internal)
RAID	-	-
Switch	-	-
PTP	-	-
(IEEE 1588) Dimensions (WxDH)	220 x 350 x 43.4 mm (8.66 x 13.8 x 1.71 inch)	220 x 365 x 43.4 mm (8.66 x 14.4 x 1.71 inch)
Weight	4.1 kg (9 lbs)	3.9 kg (8.6 lbs)
Power consumption (excl. startup peak)	Idle: 25W Typical: 77W Max: 130W	ldle: 40W Typical: 80W Max: 135W
Diskhay	Internal disk	Internal disk
Diskbay CAN	Internal disk	Internal disk -
	Internal disk 1x VGA 1x HDMI	Internal disk - 1x HDMI 1x VGA
CAN	- 1x VGA	- 1x HDMI
CAN Video	- 1x VGA 1x HDMI 12x 1000Base-T	- 1x HDMI 1x VGA
CAN Video Ethernet	- 1x VGA 1x HDMI 12x 1000Base-T (2 with PoE)	1x HDMI 1x VGA 10x 1000Base-T
CAN Video Ethernet Serial	- 1x VGA 1x HDMI 12x 1000Base-T (2 with PoE) 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1	- 1x HDMI 1x VGA 10x 1000Base-T 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1
CAN Video Ethernet Serial USB	- 1x VGA 1x HDMI 12x 1000Base-T (2 with PoE) 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0	- 1x HDMI 1x VGA 10x 1000Base-T 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0
CAN Video Ethernet Serial USB Service Wireless GPS/GNSS	- 1x VGA 1x HDMI 12x 1000Base-T (2 with PoE) 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0	- 1x HDMI 1x VGA 10x 1000Base-T 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0
CAN Video Ethernet Serial USB Service Wireless GPS/GNSS Other interfaces	- 1x VGA 1x HDMI 12x 1000Base-T (2 with PoE) 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0 1x MilDef Service	1x HDMI 1x VGA 10x 1000Base-T 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0 1x MilDef Service
CAN Video Ethernet Serial USB Service Wireless GPS/GNSS Other interfaces Fan	- 1x VGA 1x HDMI 12x 1000Base-T (2 with PoE) 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0 1x MilDef Service	1x HDMI 1x VGA 10x 1000Base-T 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0 1x MilDef Service - -
CAN Video Ethernet Serial USB Service Wireless GPS/GNSS Other interfaces	- 1x VGA 1x HDMI 12x 1000Base-T (2 with PoE) 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0 1x MilDef Service	1x HDMI 1x VGA 10x 1000Base-T 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0 1x MilDef Service
CAN Video Ethernet Serial USB Service Wireless GPS/GNSS Other interfaces Fan Power connector Power	- 1x VGA 1x HDMI 12x 1000Base-T (2 with PoE) 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0 1x MilDef Service	- 1x HDMI 1x VGA 10x 1000Base-T 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0 1x MilDef Service ITT CA-B (ITS)
CAN Video Ethernet Serial USB Service Wireless GPS/GNSS Other interfaces Fan Power connector	- 1x VGA 1x HDMI 12x 1000Base-T (2 with PoE) 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0 1x MilDef Service	- 1x HDMI 1x VGA 10x 1000Base-T 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0 1x MilDef Service ITT CA-B (ITS)
CAN Video Ethernet Serial USB Service Wireless GPS/GNSS Other interfaces Fan Power connector Power IP rating Military	- 1x VGA 1x HDMI 12x 1000Base-T (2 with PoE) 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0 1x MilDef Service	- 1x HDMI 1x VGA 10x 1000Base-T 1x RS232* (Rx/Tx) 2x USB3.2 Gen 1 2x USB2.0 1x MilDef Service ITT CA-B (ITS) 16-32V DC MIL-STD-461F MIL-STD-810H

^{*} RS232/RS422/RS485 software configurable

^{**} Same videostream out on both interfaces