

NEW

Next Generation Panel Computers

SERIES X G2

Maritime Multi Computers (MMC)

Upgraded performance
Intel® 11th gen chipset
27" / 24" / 19" / 17" / 15"
Form-Fit, current + previous models

A multi-powerhouse for maritime systems

Give any bridge a boost with the new Series X G2 panel computers. Like its acclaimed predecessor, it's designed and built specifically for type-approved maritime systems. Packed with processing power and configuration options, the Series X G2 can do it all - navigation, automation, and a wide range of other shipboard applications.

A prime choice for boatbuilders and system integrators.



SPECIFICATIONS

DISPLAY TECHNOLOGY & MECHANICAL



	Response Time & View Angle	Contrast Ratio & Light Intensity	Pixel Pitch (mm)	Resolution & Aspect Ratio	Active Area (mm [inch])	Power Consumption (typ/max)	Dimensions (WxHxD) (mm) [inch] & Compass Safe Distance (cm) [inch]
15.0" HD 15T26 MMC	35ms 85° (u/d/l/r)	1500:1 400 cd/m ²	0.297 (H) (V)	1024 x 768 4:3 (SXGA)	304.10 [11.97"] (H) 228.10 [8.98"] (V)	61W / 70W	356.00 [14.02"] x 307.00 [12.09"] x 80.00 [3.15"] Standard: 55.00 [2.17"] - Steering: 40.00 [1.57"]
17.0" HD 17T26 MMC	5ms 85° (u/d/l/r), 60° (u)	1000:1 350 cd/m ²	0.264 (H) (V)	1280 x 1024 5:4 (SXGA)	337.92 [13.30"] (H) 270.336 [10.64"] (V)	43W / 150W	390.00 [15.35"] x 351.00 [13.82"] x 80.00 [3.15"] Standard: 115.00 [4.53"] - Steering: 70.00 [2.76"]
19.0" HD 19T26 MMC	35ms 85° (u/d/l/r)	1500:1 350 cd/m ²	0.294 (H) (V)	1280 x 1024 5:4 (SXGA)	376.32 [14.82"] (H) 301.056 [11.85"] (V)	78.4W / 156W	429.00 [16.89"] x 382.00 [15.04"] x 80.00 [3.15"] Standard: 85.00 [3.35"] - Steering: 55.00 [2.17"]
24.0" HD 24T26 MMC	25ms 89° (u/d/l/r)	3000:1 300 cd/m ²	0.276 (H) (V)	1920 x 1080 16:9 (FHD)	531.36 [20.92"] (H) 298.89 [11.77"] (V)	AC+DC: 88W / 156W DC: 88W / 250W	593.00 [23.35"] x 384.00 [15.12"] x 82.00 [3.23"] Standard: 140.00 [5.51"] - Steering: 85.00 [3.35"]
27.0" HD 27T26 MMC	12ms (on/off) 89° (u/d/l/r)	3000:1 300 cd/m ²	0.31125 (H) (V)	1920 x 1080 16:9 (FHD)	597.6 [23.53"] (H) 336.15 [13.23"] (V)	AC+DC: 72W / 156W AC: 72W / 250W	650.00 [25.59"] x 437.00 [17.20"] x 81.50 [3.21"] Standard: 85.00 [3.35"] - Steering: 50.00 [1.97"]
For all sizes:	Max Colors: 16.77M colors. Operating / Storage Temperature / Humidity: -15°C to +55°C / -20°C to +60°C / Humidity up to 95%. IP Rating: IP66 front, IP20 rear (EN60529) - IP22=option. User Controls: Power On/Off, Brightness Control (-/+), Power LED, ECDIS LED, HDD LED, Buzzer (75-85dB), Light Sensor						



Signal & I/O Ports	Power Input & Options	Touch Screen Option	Bonded Glass Option
3 x GbLAN (RJ45), 1 x USB-C DP ALT mode, PD/DP (60W), 4 x USB2.0 (Type A), 2 x USB3.0 (Type A), 2 x DisplayPort (DP++) OUT, 1 x DB9 Female - Amplified Audio 2W@70°C, if AC: 1 x Std. IEC Inlet, if DC: 1 x 2-pin T.Block 5.08	Multi-Power: 100-240V AC - 50/60Hz + 24VDC or Single 100-240V AC - 50/60Hz or Single 12-24V DC	Projected Capacitive Touch Screen (Multitouch, Pen, Glove support)	Optical Bonding Technology

Other Factory Options
Variations of SSD Storage, RAM Memory, Operating System, CPU, 1 x Diskbay with support for 2 x 2.5" or 1 or 3 (model dependent) HD USB module installed as: PCA200828-1: 4xCOM RS-422/485 isolated NMEA 4 channel module, PCA100309-1: Dual Isolated RS-232, connector 2xDB9M module, HTA2020002-AD1033: CAN isolated 2 channel module, HTA2020002-SLCAN: CAN isolated, 2 channel, socketCAN module, PCBAA21001: LAN 1Gbps, 2 x SFP module, PCA100297-1: Isolated Digital IO module - 4 x OUT/4 x IN, VSD203593-1: 2 x 3.5mm jack mic in, line out, VSD203592-1: 1 x Isolated RS-232, DB9M connector, PCA200827-1: 2 x RJ-45, PoE 12V 5.5A receiver module, HT EPB STD-A2: External/Remote ON/OFF power button. Frame Grabber options (1 x supported via M.2 (PCIe x1) slot) as HD550N1 SDI M2: 1 x SDI IN, 1920x1080@60/50fps, HD550N1 HDV M2: 1 x HDMI IN+1 x VGA IN, 1920x1200p@60/50fps.

Available Accessories
Console Mount Kit, Table Mount Bracket, VESA Adapter, UV Sun Cover, Frame Adapters, USB External Modules and more available. Please review datasheet for complete list.



COMPUTER TECHNOLOGY

Supported Operating Systems (OS)	Processor / CPU Factory Options - Intel®		
Windows® 10 IoT Enterprise 2019 LTSC (64bit) Windows® 10 IoT Enterprise 2021 LTSC (64bit) Linux	i7-1185G7E 1.8GHz/4.4GHz 4/8, 12MB, 15W or i5-1145G7E 1.5GHz/4.1GHz 4/8, 8MB, 15W or i3-1115G7E 2.2GHz/3.9GHz 2/4, 6MB, 15W or Celeron 6305E 1.8GHz 2/2, 4MB, 15W or On request (may be subject for MOQ: Intel® i3-1115G4E 2.2GHz/3.9GHz 2/4, 6MB, 15W		
Graphics Chipset - Intel® (CPU dependent, see table above)			
Intel® Iris® Xe Graphics 1.35Ghz, 96 exe units (for Intel® i7-1185G7E), Intel® Iris® Xe Graphics 1.30Ghz, 80 exe units (for Intel® i5-1145G7E), Intel® UHD Graphics for 11th Gen Intel® Processors 1.25Ghz, 48 exe units (for i3-1115G4E), Intel® UHD Graphics 1.25Ghz, 48 exe units (for Intel® Celeron 6305E)			
Ethernet GbLAN - 10/100/1000Mbps	BIOS / BUZZER	Speaker / WatchDog Timer	Other Features
2 x Intel® I225IT Gigabit LAN, Teaming 1 x Realtek RTL8119I Gigabit LAN	EFI, ACPI Support Yes (according to EN60945)	None Yes (256 segments, 0, 1, 2...255 sec/min)	LAN wakeup, TPM 2.0, True power on after power fail, possible to use without battery, FAN speed regulation, Secure boot support as default
Other Chipsets	Available RAM Configurations	Available Storage Device Configurations	Power Manager
System: Intel® SOC (System) Audio: Realtek HD AUDIO ALC888 (on-board)	8GB > 64GB DDR4-3200, Dual Channel	#1: 1 x SSD SATA Type m.2 internal, 240GB > 480GB (Enterprise 24/7) #2: 2 x 2.5" SSD SATA via Removable Tray, 240GB > 3.84TB #3: 1 x 2.5 SSD SATA internal, factory mounted - For 15inch model only, 240GB > 1.90TB	AT, ACPI (S3/S4)

