

FX-XiAI

FX-XiAI | Industrial Panel PC

DYNICS FX-XiAI is a PC-based HMI featuring a powerful and efficient Quad Core Apollo Lake Processor. This versatile unit offers a range of display sizes and various operating systems.

- Fan-less (No Moving Parts)
- 24VDC Power Entry

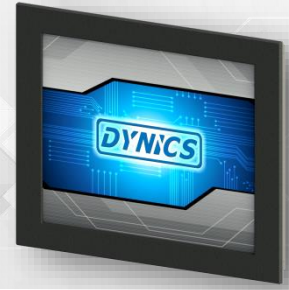
DISPLAY SPECIFICATIONS

SIZE	12"	15"	17"	19"
RESOLUTION	SVGA 800 x 600	XGA 1024 x 768	SXGA 1280 x 1024	SXGA 1280 x 1024
VIEW ANGLE	H: -80°/+80° V: -75°/+65°	H: -80°/+80° V: -80°/+80°	H: -85°/+85° V: -80°/+80°	H: -85°/+85° V: -80°/+80°
CONTRAST	700:1	600:1	1000:1	1000:1
BRIGHTNESS	450 nits	350 nits	350 nits	350 nits
ASPECT RATIO	4:3	4:3	5:4	5:4
LENS	5-Wire Analog Resistive (Touch Screen) / Protective Polycarbonate Lens (Non-Touch)			
LCD LIFE	50,000 Hour Backlight Half-Life			
ENCLOSURE	NEMA 4 Powder Coat Finish (Black) / NEMA 4X Stainless Steel			

PC SPECIFICATIONS

COMPUTER I/O	Intel® Apollo Lake
1Gb Ethernet Ports	2x
USB 3.0 Ports	2x
USB 2.0 Ports	2x
RS232/422/485 Port	1x
RS232 Ports	3x
Analog VGA Port	1x
HDMI Port	1x
Audio Jacks (Line-Out)	1x
POWER SUPPLY	24VDC Power Entry
CPU	Apollo Lake Quad Core® Pentium® N4200
CPU SPEED	Up To 2.5GHz Turbo, 2MB Cache (4 Cores, 4 Threads)
MEMORY	Up to 16GB DDR3
STORAGE	256-512GB M.2 Solid State SATA Flash Drive or 256GB-2TB Solid State SATA Flash Drive [easily removable drive option (-RSSD) available]
OPERATING SYSTEM	-Windows® 10 Enterprise IoT LTSC 2019 (64-bit) (E10) - Windows® 10 Pro (64-bit) (E21) -Linux Ubuntu
TEMPERATURE	Operating: 0°-50°C 32°-122°F Non-Operating: -25°-60°C -13°-140°F
RELATIVE HUMIDITY	Non-Condensing: 20% - 80%
SHOCK RESISTANCE	Operating: 10G Non-Operating: 15G
VIBRATION	Operating: 1.0G from 57~2000Hz Non-Operating: 2.5G from 57~2000Hz
INCLUDED COMPLIANCE WARRANTY	1x 3-Pin Quick Disconnect EU: RoHS Directive 2011/65/EU, EN 50581 24-Month limited warranty. Extended warranty available, contact DYNICS for more details.





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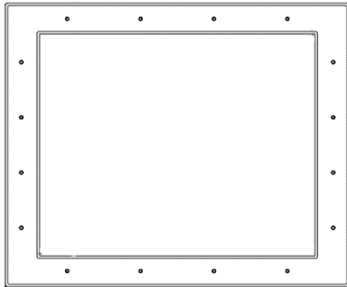
DIMENSIONS, WEIGHT AND POWER CONSUMPTION

	12"	15"	17"	19"
HEIGHT (BEZEL)	11.0" (279.1mm)	11.9" (301.7mm)	14.0" (356.1mm)	15.4" (391.5mm)
WIDTH (BEZEL)	13.7" (349.3mm)	15.8" (402.0mm)	17.8" (452.1mm)	18.8" (476.6mm)
HEIGHT (CUTOUT)	9.9" (251.5mm)	11.3" (286.3mm)	13.0" (330.2mm)	14.4" (366.3mm)
WIDTH (CUTOUT)	12.7" (321.6mm)	15.3" (387.4mm)	16.7" (424.7mm)	17.8" (450.9mm)
DEPTH	3.5" (89.6mm)	3.6" (91.7mm)	3.5" (91.2mm)	3.5" (91.2mm)
WEIGHT	11 lbs.*	13 lbs.*	17 lbs.*	16.5 lbs.*
POWER CONSUMPTION	35 Watts**	40 Watts**	50 Watts**	50 Watts**

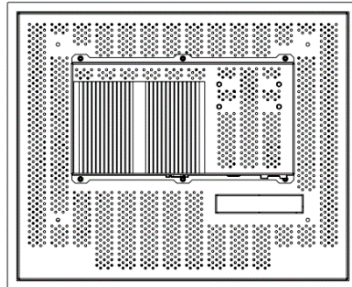
* Weights are approximate, contact DYNICS for details.

** Power consumption is based on maximum ratings; actual ratings vary significantly based on components used.

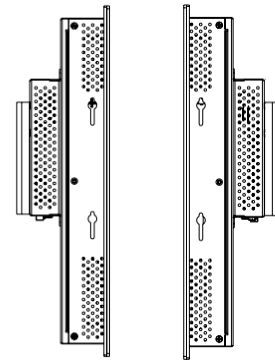
MECHANICAL DRAWINGS FRONT VIEW



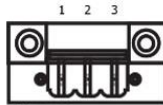
BACK VIEW



SIDE VIEWS



POWER ENTRY 24VDC



PIN 1: V+
PIN 2: (Chassis GND)
PIN 3: V-

All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options. DYNICS Reserves the right to change, modify, upgrade, or discontinue any part of this datasheet without any prior notice.

