

KIT-ADN Series

Industrial Open Frame Panel PC



KEY FEATURES



Touch Screen

P-Capacitive Touch supports 10 points



LPDDR5

LPDDR5 4800 MHz memory down



Up to Quad Display Support

Support via HDMI/USB-C/LVDS



Easy Integration

Easy installation and maintenance

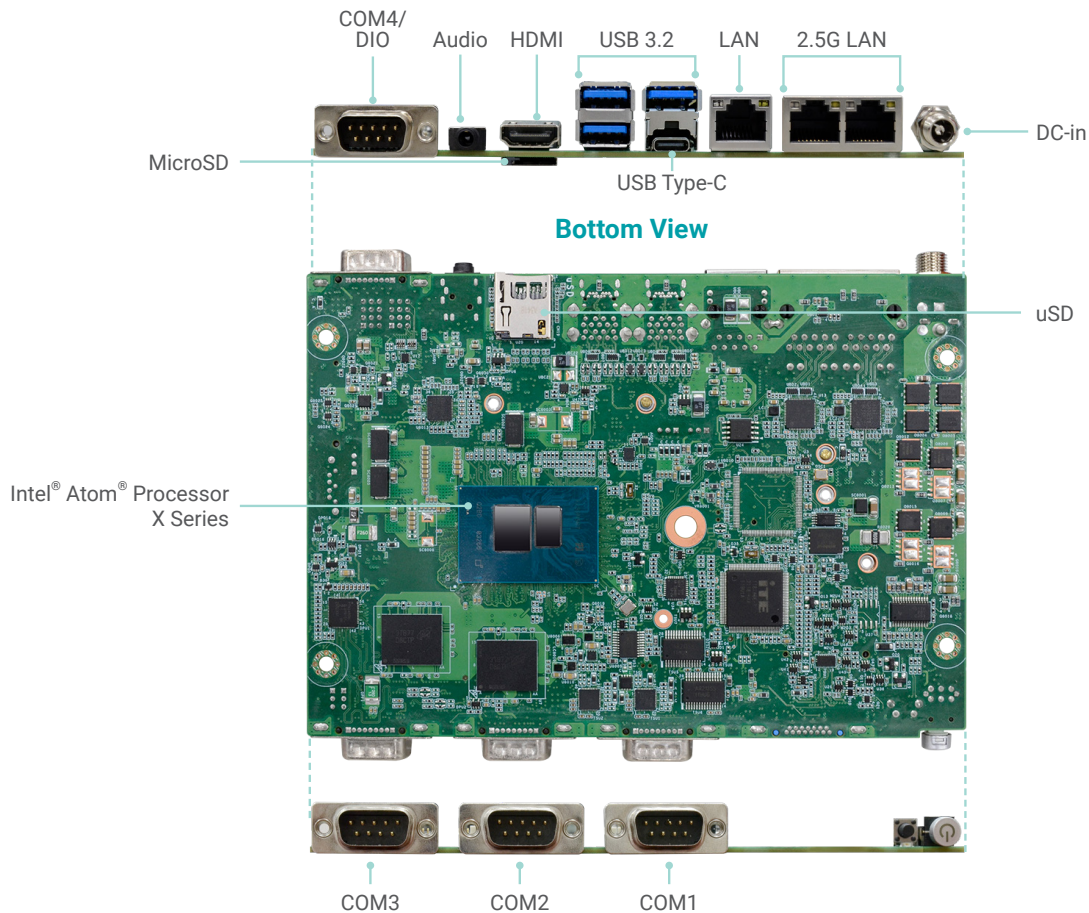


On Board OOB Built-in (Opt.)

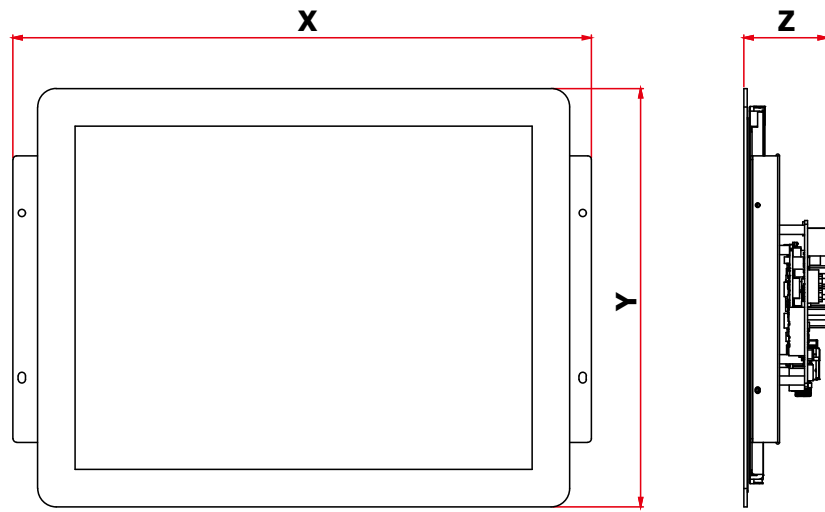
Hardware status remote control & monitor



System



DIMENSIONS



Front View

Right View

Display Type	System Dimensions (mm)		
	W	H	D
7" LCD	203	118	TBD
10.1" LCD	279.1	172.95	TBD
12.1 LCD	312.9	226.25	TBD

SPECIFICATION

MODEL NAME		KIT070P-ADN	KIT101P-ADN	KIT121P-ADN
DISPLAY & TOUCH SCREEN	Display Type	7" TFT LCD	10.1" TFT LCD	12.1" TFT LCD
	Aspect Ratio	16:9	16:10	4:3
	Max. Resolution	800 x 480	1280 x 800	1024 x 768
	Brightness(cd/m ²)	500		
	Touch Type	Projected Capacitive		
Backlight Lifetime (hours)	40,000	50,000	30,000	
ENVIRONMENT	Operating Temperature	0~50°C with 0.6m/s air flow		
	Storage Temperature	-30~80°C		
	Relative Humidity	5 to 90% RH (non-condensing)		
SYSTEM	Processor	Intel Alder Lake-N Series Intel PC Client Series Intel® Processor N50 2 Cores, 1.0GHz to 3.4 GHz Intel® Processor N97 4 Cores, 2.0GHz to 2.9 GHz Intel® Processor N200 4 Cores, 1.0GHz to 3.2 GHz Intel® Core™ i3-N305 8 Cores, 1.0GHz to 3.0 GHz Intel® Embedded Series Intel® Atom® X7211E 2 Cores, 1.0GHz to 2.9 GHz Intel® Atom® X7213E 2 Cores, 1.7GHz to 2.9 GHz Intel® Atom® X7425E 4 Cores, 1.5GHz to 2.7 GHz		
	Memory	8GB/16GB LPDDR5 4800 Memory down		
	BIOS	AMI SPI 256Mbit (supports UEFI boot only)		
GRAPHICS	Controller	Intel® UHD Graphics		
	Feature	Execution Units: Up to 32 EUs 3D API: Open GL 4.6, DirectX12, Vulkan 1.2 (Windows) Mesa 3D, OpenGL 4.6, Vulkan 1.2 (Linux) Precision: FP32, FP16, INT8 Compute: OpenCL 3.0		
	Display	1 x eDP/LVDS(Default) 1 x HDMI 1.4 1 x USB-C Alt. Mode, one more USB-C(opt.)		
STORAGE	Internal	1 x M.2 2242/2280 M key (SATA/PCIe) 1 x SATA III		
	eMMC	eMMC 32GB/64GB (Opt.)		
EXPANSION	Interface	1 x M.2 2242/2280 M key: PCIe/SATA 1 x M.2 2230 E Key: USB2.0/PCIe 1 x M.2 3042/3052 B key: USB3.0/USB2.0/PCIe		
AUDIO	Audio Codec	ALC888S		
ETHERNET	Controller	2 x Intel Ethernet controller i226 2.5GbE (support TSN) 1 x Intel Ethernet controller i210 GbE		
FRONT I/O	Serial	3 x RS232/422/485 DB9 connector		
INTERNAL I/O	Serial	2 x RS232		
	Display	1 x 40 pin LVDS/eDP (Default LVDS)		
	SATA	1 x SATA 3.0 1 x 5V SATA Power (support SATA HDD LED via front panel)		
	Front Panel	1 x front panel		
	SMBus	1 x SMBus		
REAR I/O	Ethernet	2 x 2.5GbE RJ45 1 x GbE RJ45		
	Serial	1 x COM/DIO port		
	USB	3 x USB 3.2 type A 1 x USB-C 3.2		
	Display	1 x HDMI		
	Audio	1 x 3.5mm Line out/Mic In		
	Storage	1 x MicroSD		
WATCHDOG TIMER	Output & Interval	System Reset, Programmable via Software from 1 to 255 Seconds		
SECURITY	TPM	TPM 2.0 (Available Upon Request)		
POWER	Type	Wide Range 9~36VDC		
	Connector	DC Jack (or vertical type 4pin connector)		
	RTC Battery	CR2032 Coin Cell		
OS SUPPORT	Microsoft	Windows 11 IoT Enterprise		
	Linux	Ubuntu 22.04		
MECHANISM	Dimension (W x H x D)	203 x 118 x TBD	279.1 x 172.95 x TBD	312.9 x 226.25 x TBD
	Weight	TBD	TBD	TBD
CERTIFICATION	Certification	CE / FCC Class A / RoHS		

ORDERING INFORMATION

Model Name	Part Number	Description
KIT070P-ADN	750-KIT0701-000G	KIT070P-ADN: 7" TFT WVGA Open frame with Projected Capacitive Touch, Intel® ATOM® x7211E, 8GB Memory, DC Input 9-36V DC jack
	750-KIT0701-100G	KIT070P-ADN: 7" TFT WVGA Open frame with Projected Capacitive Touch, Intel® ATOM® x7425E,16GB Memory DC Input 9-36V DC jack
KIT101P-ADN	750-KIT1011-000G	KIT101P-ADN: 10.1" TFT WXGA Open frame with Projected Capacitive Touch, Intel® ATOM® x7211E, 8GB Memory, DC Input 9-36V DC jack
	750-KIT1011-100G	KIT101P-ADN: 10.1" TFT WXGA Open frame with Projected Capacitive Touch, Intel® ATOM® x7425E,16GB Memory DC Input 9-36V DC jack
KIT121P-ADN	750-KIT1211-000G	KIT121P-ADN: 12.1" TFT XGA Open frame with Projected Capacitive Touch, Intel® ATOM® x7211E, 8GB Memory, DC Input 9-36V DC jack
	750-KIT1211-100G	KIT121P-ADN: 12.1" TFT XGA Open frame with Projected Capacitive Touch, Intel® ATOM® x7425E,16GB Memory DC Input 9-36V DC jack

PACKING LIST

• 1 x Single Box
• 1 x 2-pin Terminal Block Connector
• 2 x M2 Screw
• 1 x Terminal block for RS485