

VOX-084-TS-N8M Series



Specifications

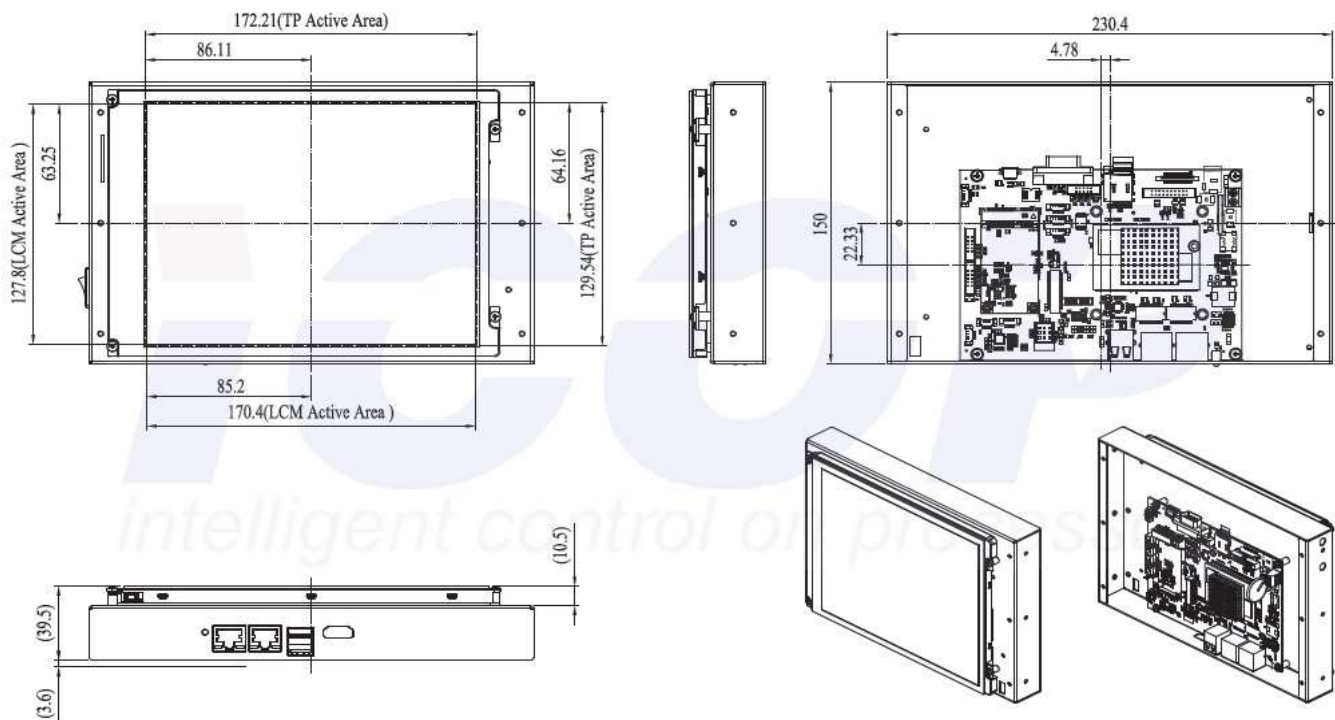
Processor	NXP i.MX8M Mini 1.6GHz Cortex-A53 (Quad Core)		
LCD	8.4" SVGA TFT LCD with resolution 800 (W) x 600 (H), 350 nits and resistive touch screen		
Expansion	MiniPCIe with SIM card holder		
System Memory	2GB/4GB LPDDR4 Onboard		
Storage	16GB/64GB eMMC MLC Onboard		
LAN	Integrated 10 /100 / 1000 Mbps Ethernet x2		
Disk Support	MicroSD Card Socket x1		
I/O Interface	USB2.0 x4 (Include 1 Micro USB for OTG) SPI x1 (Reversed for pin mux settings) COM x3 (RS232/RS485 x1, RS232 x1, TX/RX x1) (COM1 reversed for pin mux settings)	GLAN x2 15-bit GPIO x1 Audio Line-out x1	I ² C x1 WLAN & BT x1 Audio Mic-in x1
Power Requirement	+12 to +24VDC Power Input		
Power Consumption	8Watt (Typical)		
Operating Temperature	0°C to +60°C -20°C to +70°C (Option)		
Dimension	230.4 x 150.0 x 43.1mm		
Weight	0.87kg		
O/S Support	Yocto Linux Android		

Ordering Information

Part Number	Description
VOX-084-TS-N8M-B5GM	8.4" OP w/iMX8M Mini/2GB DRAM/16GB eMMC Onboard/4U/3S/2GLAN/MiniPCIe/MicroSD/HD Audio/I ² C/15-bit GPIO/ WLAN&BT /+12~24V Input
VOX-084-TS-N8M-B5GMI	8.4" OP w/iMX8M Mini/2GB DRAM/16GB eMMC Onboard/4U/3S/2GLAN/MiniPCIe/MicroSD/HD Audio/I ² C/15-bit GPIO/ WLAN&BT /+12~24V Input/ -20°C to +70°C
VOX-084-TS-N8M-N5GM (Build To Order)	8.4" OP w/iMX8M Mini/2GB DRAM/16GB eMMC Onboard/4U/3S/2GLAN/MiniPCIe/MicroSD/HD Audio/I ² C/15-bit GPIO/+12~24V Input
VOX-084-TS-N8M-N5GMI (Build To Order)	8.4" OP w/iMX8M Mini/2GB DRAM/16GB eMMC Onboard/4U/3S/2GLAN/MiniPCIe/MicroSD/HD Audio/I ² C/15-bit GPIO/+12~24V Input/ -20°C to +70°C
VOX-084-TS-N8M-B6HM (Build To Order)	8.4" OP w/iMX8M Mini/ 4GB DRAM/ 64GB eMMC Onboard/4U/3S/2GLAN/MiniPCIe/MicroSD/HD Audio/I ² C/15-bit GPIO/ WLAN&BT /+12~24V Input
VOX-084-TS-N8M-B6HMI (Build To Order)	8.4" OP w/iMX8M Mini/ 4GB DRAM/ 64GB eMMC Onboard/4U/3S/2GLAN/MiniPCIe/MicroSD/HD Audio/I ² C/15-bit GPIO/ WLAN&BT /+12~24V Input/ -20°C to +70°C

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Dimension



Production Outline

