

UP Display Kit

Touch Display Kit Powered by Intel® Processor N-series

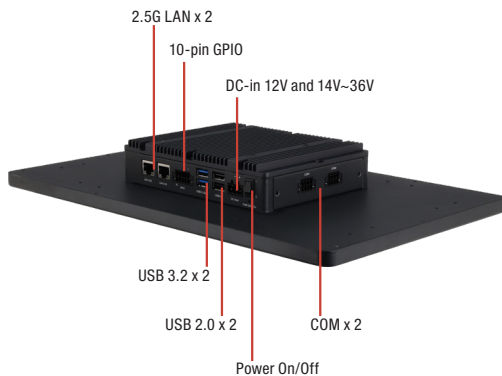
Front View



Top View



Bottom View



Features

- Touch Display Kit Powered by Intel® Processor N-series
- Intel® Processor N-series SoC (formerly Twin Lake)
- LPDDR5 SODIMM x 1, up to 16GB
- IP65 Compliant Aluminum Front Bezel
- 12V and 14V~36VDC Phoenix Connector with Ground Screw
- VESA Mount



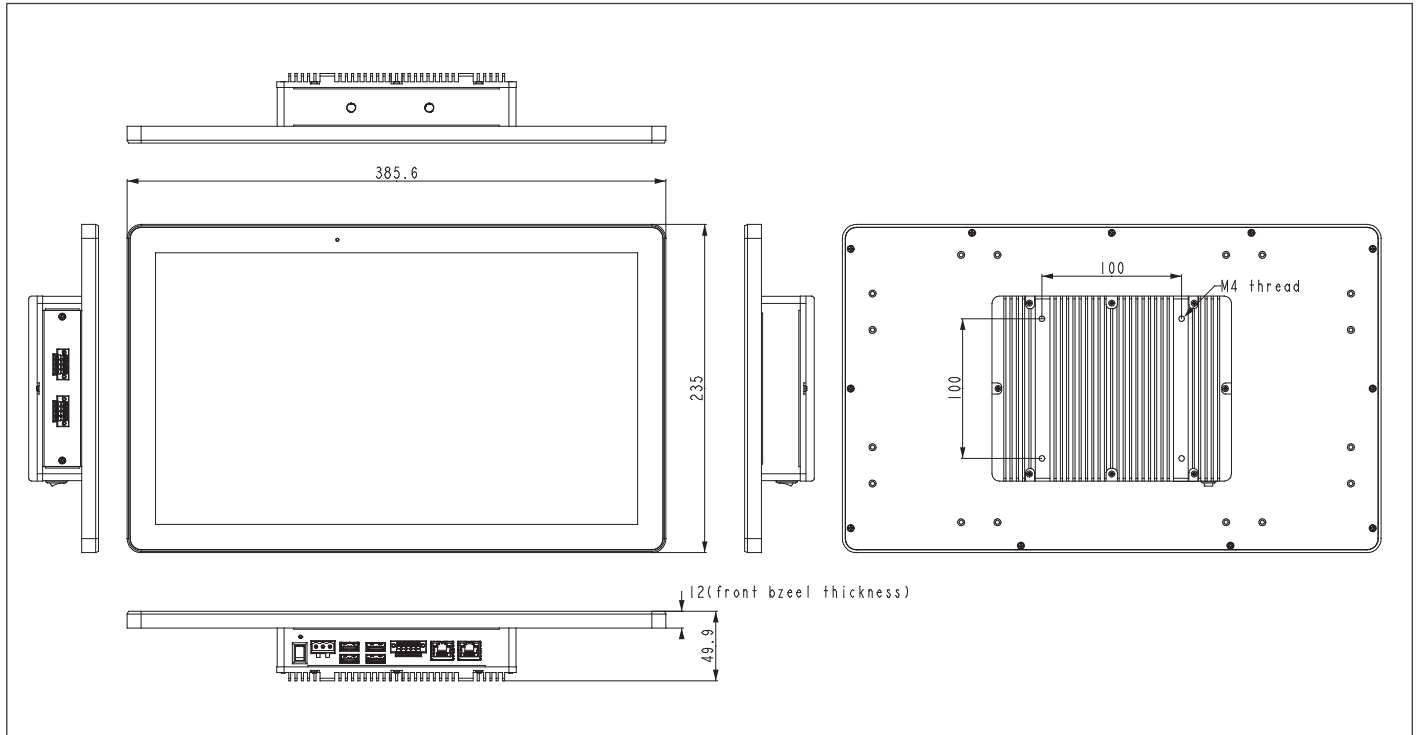
Specifications

System	
CPU	Intel® Core™ 3 Processor N355 Intel® Core™ i3-N305 Processor Intel® Processor N250 Intel® Processor N150 Intel® Processor N100 Intel® Processor N97
Memory	LPDDR5 SODIMM x 1, up to 16GB
Graphics	Intel® UHD Graphics for 12th Gen Intel® Processors
Storage	Optional 128GB onboard eMMC
Ethernet	2.5GbE RJ-45 x 2
WiFi/BT	Optional with M.2 2230 E-Key x 1
Expansion Slot	M.2 2230 E-Key x 1 (PCIe [x1], USB2.0) M.2 2280 M-Key x 1 (PCIe [x2]) M.2 2280 M-Key x 1 (PCIe Gen 3 [x4])
Security	TPM 2.0
OS Support	Windows® 11 LTSC Ubuntu: 22.04 LTS
I/O Placements	
USB	USB 2.0 (Type-A) x 2 USB 3.2 Gen 2 (Type-A) x 2
Display Port	—
Ethernet	2.5GbE RJ-45 x 2
COM	8-pin Terminal Block Connector x 2 (RS-232/422/485, SW-selectable)
Audio	—
GPIO	10-pin GPIO (GPIO x 8 + GND x 2)
Power Supply	
Power requirement	12V and 14V~36VDC Phoenix Connector with Ground Screw
Power supply type	AT/ATX
Power Consumption (Typical)	41.52W~42W
Mechanical	
Mounting	VESA mount
Dimensions (WxHxD)	15.18" x 9.25" x 1.96" (385.6 x 235 x 49.9 mm)
Net Weight	5.5 lb (2.5 kg)
Gross Weight	8.11 lb (3.68 kgs)
Environment	
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C) with 0.5 m/s airflow
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
MTBF (Hours)	1,891,954
Certification	CE/FCC Class A, RoHS Compliant, REACH
LCD	
Display Type	15.6" TFT-LCD, LED
Max Resolution	1920 x 1080
Max. Colors	262K
Luminance	350 cd/m²
Viewing Angle	160° (H), 160° (V)
Back Light	LED
Back Light MTBF (Hours)	35,000 (Based on 9 hours of usage per day)
Touchscreen	
Type	Projected Capacitive Multi-Touch
Light Transmission	85%



Dimension

Unit: mm



Ordering Information

Part number	CPU	Thermal Solution
UPPC-ASLN15-N97-A10-0000	Intel® Processor N97	Heatsink
UPPC-ASLN15-N100-A10-0000	Intel® Processor N100	Heatsink
UPPC-ASLN15-N150-A10-0000	Intel® Processor N150	Heatsink

Optional Accessories

Part Number	Description
9651UPPC00	24V/65W Power Adapter Kit
9641UPPC01	Mounting Ass'y Kit (Incl. VESA Screws & Panel-Mount Kit, w/o Packing)
9651UPPC01	Mounting Ass'y Kit (Incl. VESA Screws & Panel-Mount Kit, w/ Packing)

Packing List

- UP Display Kit