

R19IP7T-OFM1

19" Intel® Pentium® N4200 Open Frame Panel PC



KEY FEATURES

- Intel® Pentium® N4200 Apollo Lake Processor 1.10 GHz, industrial open frame touch screen monitor
- Flexible storage devices, one 2.5-inch HDD and one SSD socket
- Multiple I/Os, 2 x Serial Ports, 4 x USB 3.0 Ports
- 12 V DC Power input, industrial open frame touch screen monitor
- DP Support 4096 x 2160 @ 60 Hz
- HDMI Support 3840 x 2160 @ 30 Hz

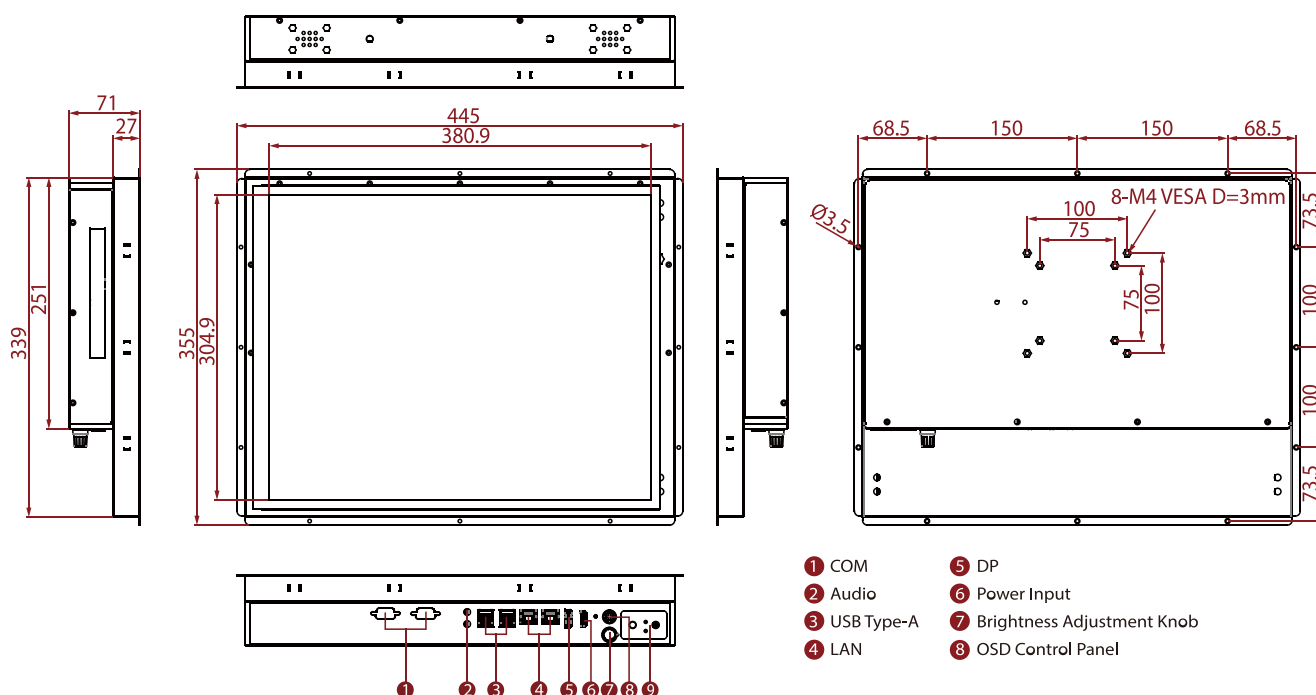


SPECIFICATIONS

Display			
Resolution	1280x1024	Size	19.0 inches
Contrast Ratio	1000:1	Panel Brightness	250.0 nits
View Angles	85,85,80,80	Active Area	376.32x301.06 mm
Touch / Glass	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)		
System Specification			
Processor	Intel Pentium N4200 1.1GHz (up to 2.5GHz)	Memory	2 x SODIMM, DDR3L 1866 MHz, 4GB 8GB (Optional)
Storage	1 x M.2 2242 SSD 128GB M.2 2242 SSD up to 512GB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Security	TPM 2.0	Operating System	Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)
WLAN	Support (Optional)	BT	Support (Optional)
Mechanical			
Dimension	445 x 355 x 71 mm	Mounting	Open Frame Panel Mount VESA Mount
Enclosure	Metal Housing	Cooling System	Fanless design
Environment			
Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 60°C		
Certification			
Certification	CE, FCC		
IO Ports			
Power Input	1 x 12V DC, Din4 pin connector	USB Port	4 x USB3.2 Gen1x1 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232	Video	1 x DP1.2 1 x HDMI 1.4 (Optional) 1 x VGA (Optional)
Audio	1 x Mic in 1 x Line out	Expansion Port	2 x M.2 slot(1 for WiFi, 1 for SSD) 1 x PCIe 2.0 x1 (Optional)

LAN	2 x Speaker 2 x Giga LAN RJ45 Connector	Indicator	1 x LED Indicator for power 1 x LED Indicator for storage
Brightness Knob	1 x Brightness Adjustment Knob		
Control			
Button	1 x Power Button 1 x Reset Button		
Accessory			
Accessory	100~240V AC to DC Adapter Power Cord VESA screws		
Power			
Power Rating	12V DC	Adapter	12V 84W

DIMENSIONS UNIT:MM



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.