

Product Specification

Product Name	LattePanda Mu N100		LattePanda Mu N305
Model Number	DFR1146	DFR1147	DFR1149
Processor	<ul style="list-style-type: none"> • Intel® Processor N100 • 4-Core, 4-Thread • 3.4GHz Max Turbo Frequency • Configurable TDP: 6~35W 		<ul style="list-style-type: none"> • Intel® Core™ i3-N305 • 8-Core, 8-Thread • 3.8GHz Max Turbo Frequency • Configurable TDP: 9~35W
Graphics	<ul style="list-style-type: none"> • Intel® UHD Graphics • 750MHz Max Dynamic Frequency • 24 Execution Units 		<ul style="list-style-type: none"> • Intel® UHD Graphics • 1.25GHz Max Dynamic Frequency • 32 Execution Units
Memory	<ul style="list-style-type: none"> • 8GB LPDDR5 4800MT/s With In-band ECC 	<ul style="list-style-type: none"> • 16GB LPDDR5 4800MT/s With In-band ECC 	<ul style="list-style-type: none"> • 16GB LPDDR5 4800MT/s With In-band ECC
Storage	64GB eMMC		
Operating System	<ul style="list-style-type: none"> • Windows 10 & 11 • Ubuntu 22.04 & 24.04 		
Expansion	<ul style="list-style-type: none"> • Up to 9x PCIe 3.0 Lane • Up to 4x USB 3.2 10Gbps • Up to 2x SATA 6Gbps • 8x USB 2.0 • 4x UART • 4x I2C • Expandable to 64x GPIO 		
Display	<ul style="list-style-type: none"> • 1x eDP 1.4(onboard), up to 4K 60Hz • 3x HDMI 2.0/DisplayPort 1.4, up to 4K 60Hz • Triple displays with each display combinations 		
Power	DC 9~20V		
Dimension	60mm x 69.6mm		
Form Factor	DDR4 SODIMM Connector Compatible		
Operating Environment	<ul style="list-style-type: none"> • Temperature: 0 ~ 60 °C • Humidity: 0%~80% 		
Certificate	FCC, CE, UKCA, RoHS, KC, Safety		