

# ASK-XeonD1727 Xeon-D Fan Datasheet & Specification

--- Active HeatSink with 6MM Fan for Xeon D-1700, D-2700 and D-2100 Series.

## Description:

Active CPU heatsink with 60 x 25mm dual ball bearing fan for Intel Xeon D 1700, 2700, and 2100 Series, backplate included. Fits Supermicro X11/X12 Xeon-D motherboards, 2U compatible.

## Product Specification

<b>Product Dimensions:</b>	<b>66.0 mm W x 75mm L x 58.9mm H / 2.59" W x 2.95" L x 2.33" H</b>
<b>Model#</b>	<b>ASK-XeonD1727</b>
<b>Brand:</b>	RAIDSanity
<b>Material:</b>	<ul style="list-style-type: none"><li>• Copper - base and cooling fins</li><li>• Aluminum - top plate for Fan mounting.</li></ul>
<b>Cooling Method:</b>	Air by Active Fan
<b>Fan Specification</b>	
<b>Fan:</b>	60 x 60 x 25 mm
<b>Power Connector Type:</b>	4-Pin
<b>Voltage:</b>	12 Volts
<b>Bearing</b>	Double Ball Bearing
<b>TDP</b>	Max TDP 130Watt at 100% duty cycle, ambient temperature 40C
<b>Noise Level</b>	<ul style="list-style-type: none"><li>• 18 dBA 20% or below duty cycle</li><li>• 37.9dBA 50% duty cycle</li><li>• 53 dBA 100% duty cycle</li></ul>
<b>Power Consumption:</b>	<ul style="list-style-type: none"><li>• 1.2W at duty cycle 0 ~ 20%</li><li>• 2.28W at duty cycle 50%</li><li>• 7.20W at duty cycle 100%</li></ul>
<b>Max Airflow:</b>	<ul style="list-style-type: none"><li>• 9.28 CFM at duty cycle 0 ~ 20%</li><li>• 23.21 CFM at duty cycle 50%</li><li>• 46.41 CFM at duty cycle 100%</li></ul>
<b>Rational Speed (RPM):</b>	<ul style="list-style-type: none"><li>• 1600 ± 200 RPM at duty cycle 0 ~ 20%</li><li>• 4000 ± 10% RPM at duty cycle 50%</li><li>• 8000 ± 10% RPM at duty cycle 100%</li></ul>
<b>BOM List</b>	Active Fan on Heat-Sink, Backplate, and User Instruction Print Out.

## List of Supermicro Motherboards Supported.

### Supermicro X12 for Xeon D-1700 & 2700 Series

Xeon D-1718T, 4C, 46W - Socket FCBGA-2227  
Xeon D-2712T, 4C, 65W - Socket FCBGA-2579  
Xeon D-2733NT, 8C, 80W - Socket FCBGA-2579  
Xeon D-1736NT, 8C, 67W - Socket FCBGA-2227  
Xeon D-1732TE, 8C, 52W - Socket FCBGA-2227  
Xeon D-1747NTE, 10C, 80W - Socket FCBGA-2227  
Xeon D-1749NT, 10C, 90W - Socket FCBGA-2227  
Xeon D-2775TE, 16C, 100W - Socket FCBGA-2579  
Xeon D-2796NT, 20C, 120W - Socket FCBGA-2579

### Supermicro X11 for Xeon D-2100 Series

Xeon D-2123IT - 4C, 60W - Socket FCBGA2518  
Xeon D-2141i - 8C, 65W - Socket FCBGA-2518  
Xeon D-2146NT - 8C, 80W - Socket FCBGA-2518  
Xeon D-2163IT - 12C, 75W - Socket FCBGA-2518  
Xeon D-2166NT - 12C, 85W - Socket FCBGA-2518  
Xeon D-2173IT - 14C, 70W - Socket FCBGA-2518  
Xeon D-2177NT - 14C, 105W, Socket FCBGA-2518  
Xeon D-2183IT - 16C, 100W, Socket FCBGA-2518  
Xeon D-2191 - 18C, 86W, Socket FCBGA-2518

\*\*\* Xeon -D Motherboards from other Brands might also fit as long as the CPU has similar specifications.