NANYA Module Part Numbering Guide

NT 16G A 80 D 8 P A X 3 P — JR A

NT = Module

Module Density
4G = 4GB
8G = 8GB
16G= 16GB
32G= 32GB
64G= 64GB

Product Family
A = DDR4
F = DDR5

Data Width
64 = x64
72 = x72
80 = x80

Interface & Power (V_{DD} & V_{DDQ})
D = POD-12 (1.2V, 1.2V)
F = POD-11 (1.1V, 1.1V)

Composition Component
4 = x4 based
8 = x8 based
H = x16 based

Number of Component
4 = 4ea
5 = 5ea
8 = 8ea
9 = 9ea
A = 10ea
H = 16ea
P = 18ea
B = 20ea
N = 36ea
C = 40ea

Device Version
A = 1st version
B = 2nd version
C = 3rd version
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Key Component
NA = Default

[RDIMM] RCD/PMIC
A = Renesas/Renesas
B = Rambus/Renesas
G = Renesas/MPS
H = Rambus/MPS

Speed
HR = 2666Mbps [19-19-19]
JR = 3200Mbps [22-22-22]
N2 = 4800Mbps [40-39-39]
Q5 = 5600Mbps [46-45-45]
S8 = 6400Mbps [52-52-52]
UB = 7200Mbps [58-58-58]

Module Type
S = SODIMM
F = UDIMM
P/K= RDIMM

Package Code
(RoHS+Halogen-Free)

[DDR4]
3 = 78-Ball BGA
4 = 96-Ball BGA

[DDR5]
3 = 82-Ball BGA
4 = 106-Ball BGA

R/C Version
X = 1st version
B = 2nd version
C = 3rd version
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