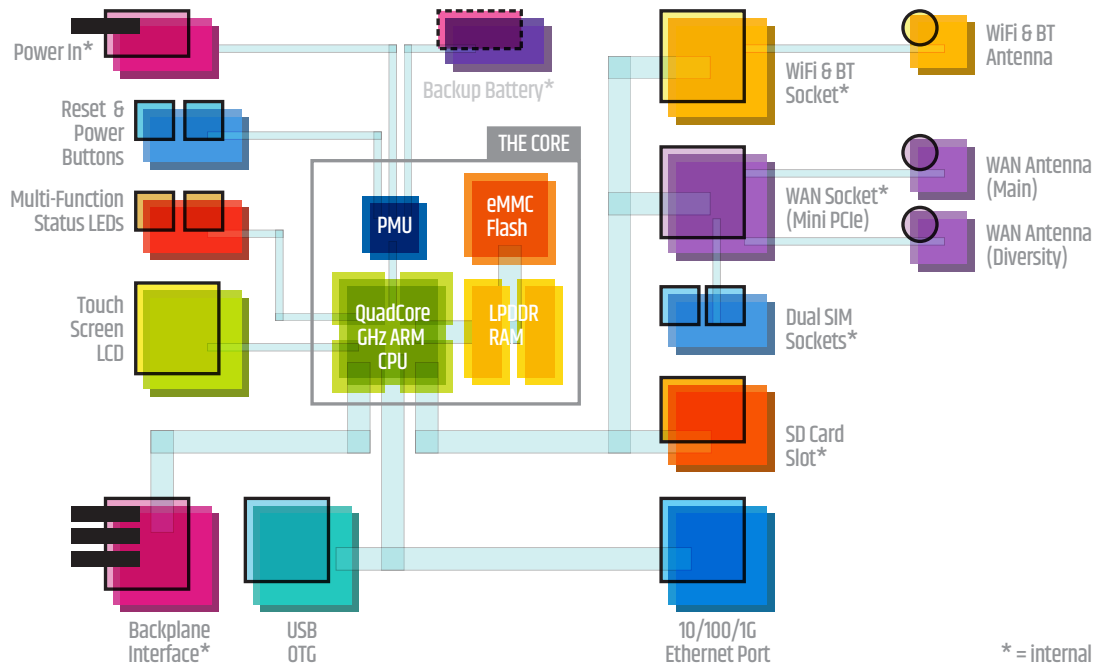
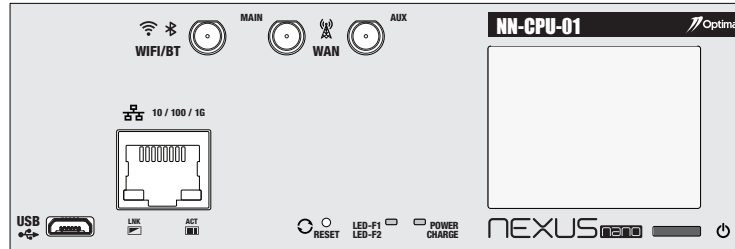


Quad Core GHz CPU Module, Touchscreen, GB LAN

NN-CPU-01
1011-A010701A



Features/Benefits

- ✓ Touch Screen LDC for real-time interactions.
- ✓ Optional WiFi, Bluetooth, Cellular modem options.
- ✓ Optional Internal SD Card for secure storage, optional battery backup.
- ✓ Combines Gig Ethernet with multi-core GHz CPU, GB's of DRAM and Flash.

Quad Core GHz CPU Module, Touchscreen, GB LAN

Technical Specifications

NN-CPU-01
1011-A010701A

CPU/Memory	Quad Core, 64-bit ARM Processor, 1.2GHz 2GB LPDDR3 RAM 8GB eMMC Flash-ROM
Wireless	1 x WIFI 802.11a/b/g/n & Bluetooth 4.0 module (optional)
M2M/Cellular	1 x 3G/4G/5G Mini PCIe Modem module (optional)
SIM	2 x SIM slots (switchable)
USB	1 x Micro USB 2.0 (OTG)
LAN	1 x RJ45 for 10/100/1000 Base-T Ethernet Auto-sensing, auto-MDIX with built-in link status and activity LEDs
Status & Control	1 x Reset button 1 x Power Button 2 x Multi-colour status LEDs (LED1: Power & Battery Charge, LED2: User Function1 & User Function 2)
Touch Screen	226ppi IPS (Wide Angle) Full Colour LCD with touch screen Supports basic configuration tasks without the need for techs to carry laptops. Allows Apps to show real-time graphs and read-outs, states and control surfaces
Connectors	1 x RJ45, 1 Micro USB
Antenna	
Connectors	3 x SMA(F). Ships with three circular openings for SMA female bulkhead antenna connectors The SMA connector(s) is/are part of the optional Antenna Kit(s). Order antenna kit(s) along with the WIFI or Cellular Modem modules as required (contact Optima for details)
Configuration	One NN-CPU-01 module in CPU slot



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