



### PLCC PoE

Intel® Atom C3000 x86 VCPE with PoE

#### Product Description

PLCC PoE is an x86-based routing platform capable of software virtualization and SDWAN deployments in small-to-medium branch offices.



#### Technical Specifications

General Technical Specifications	
<b>CPU:</b>	2 to 16 core Denverton (C3xx8)
<b>BIOS:</b>	Insyde Blinkboot
<b>Memory:</b>	Channel 1: up to 16GB Memory Down with ECC. Channel 2: up to 16GB SODIMM with ECC
<b>Internal Switch:</b>	2x 2.5GbE KR between CPU and Switch
<b>External Switch:</b>	Marvell 88E6190X (X required for SFP) 8x1GbE (POE+)
<b>Network:</b>	2xSFP+ (2-core only supports 1Gb)
<b>Storage:</b>	eMMC: up to 64GB 1 x M.2 2242 or 2280 3 x SATA
<b>USB:</b>	2 x USB 2.0 1 x USB 3.0
<b>Expansion:</b>	mPCIe slot with externally accessible SIM card mPCIe Slot for WiFi.
<b>POE:</b>	Optional 8 x PoE+ Ports
<b>Serial Console:</b>	RJ45 RS232 Console
<b>TPM:</b>	TPM 2.0
<b>Power:</b>	Internal, 65W, OPEN FRAME, 90 to 264VAC IN, 12VDC OUT

	Internal, 150W, 90 to 264VAC IN, 54VDC OUT for POE+ ports (G11)
<b>LED's:</b>	Power: Red – Power is on, but system is not functioning Green – Power is on, and system is functioning Status: Red – Configurable. Indicate Failure Green -Configurable. Indicate Good Status Network LEDs
<b>Buttons:</b>	Rocker style on/off Button Pushbutton Power (Programmable through PIC) Recessed Reset (Programmable through PIC)
<b>Form Factor:</b>	Desktop Form Factor Black Metal (WxDxH) = 215x335x44mm Rack Mount Option Branding Option
<b>Cooling:</b>	– 12VDC 40mmx40mmx20mm 10.1 CFM FAN. (Fan-less for 2-core) – Built-in thermal protection
<b>Operating Temperature:</b>	0°C – 40°C (32°F – 104°F)
<b>Storage:</b>	-40°C–65°C (-40°F–149°F)

## Order Information

P/N	Description	Notes
<b>80500-0173-G21-R202</b>	PLCC PoE , C3558, DDR4 8GB ECC, EMMC 16GB, TPM, no PoE	Top level – Shippable kit, including packaging
<b>80500-0173-G31-R202</b>	PLCC PoE , C3558, DDR4 8GB ECC, EMMC 16GB, TPM, PoE	Top level – Shippable kit, including packaging