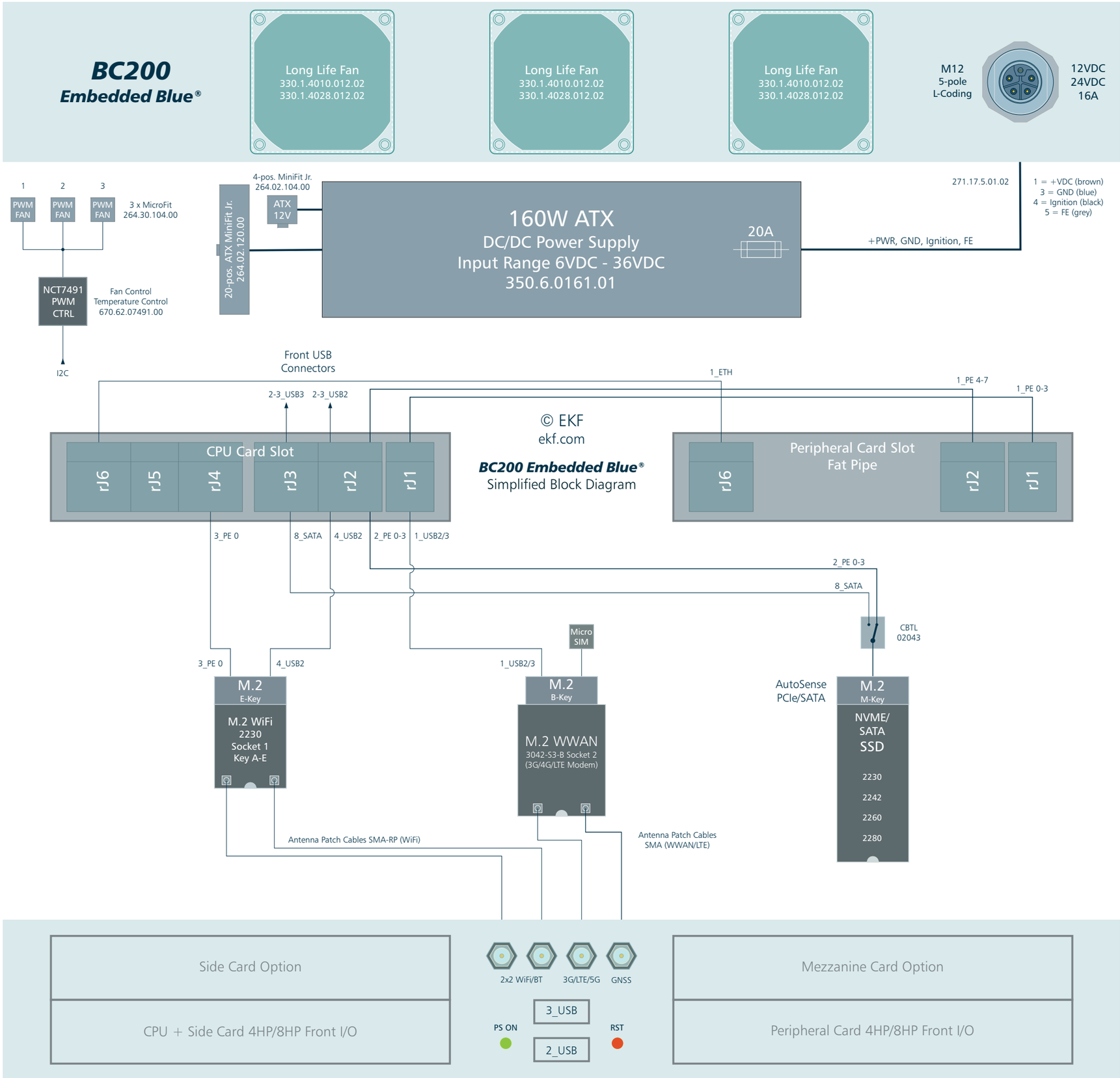
BC200
Embedded Blue®
Long Life Fan
330.1.4010.012.02
330.1.4028.012.02
Long Life Fan
330.1.4010.012.02
330.1.4028.012.02
Long Life Fan
330.1.4010.012.02
330.1.4028.012.02
M12
5-pole
L-Coding
12VDC
24VDC
16A
1
2
3
PWM FAN
PWM FAN
PWM FAN
3 x MicroFit
264.30.104.00
NCT7491
PWM
CTRL
Fan Control
Temperature Control
670.62.07491.00
I2C
20-pos. ATX MiniFit Jr.
264.02.120.00
4-pos. MiniFit Jr.
264.02.104.00
ATX
12V
160W ATX
DC/DC Power Supply
Input Range 6VDC - 36VDC
350.6.0161.01
20A
271.17.5.01.02
1 = +VDC (brown)
3 = GND (blue)
4 = Ignition (black)
5 = FE (grey)
+PWR, GND, Ignition, FE
Front USB
Connectors
2-3_USB3
2-3_USB2
1_ETH
1_PE 4-7
1_PE 0-3
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BC200 Embedded Blue®
Simplified Block Diagram
CPU Card Slot
rJ6
rJ5
rJ4
rJ3
rJ2
rJ1
Peripheral Card Slot
Fat Pipe
rJ6
rJ2
rJ1
3_PE 0
8_SATA
4_USB2
2_PE 0-3
1_USB2/3
2_PE 0-3
8_SATA
CBTL
02043
Micro
SIM
3_PE 0
4_USB2
1_USB2/3
AutoSense
PCIe/SATA
M.2
E-Key
M.2 WiFi
2230
Socket 1
Key A-E
M.2
B-Key
M.2 WWAN
3042-S3-B Socket 2
(3G/4G/LTE Modem)
M.2
M-Key
NVME/
SATA
SSD
2230
2242
2260
2280
Antenna Patch Cables SMA-RP (WiFi)
Antenna Patch Cables
SMA (WWAN/LTE)
Side Card Option
CPU + Side Card 4HP/8HP Front I/O
2x2 WiFi/BT
3G/LTE/5G
GNSS
3_USB
2_USB
PS ON
RST
Mezzanine Card Option
Peripheral Card 4HP/8HP Front I/O