



**Barcode Reader Quick Sheet**  
**Panasonic Toughbook N6603 Devices**  
**FZ-A2, CF-20**

<b>Scanning Performance</b>  <b>Light Source:</b> White LED, 650 nm high-visibility red laser <b>Scan angle:</b> Tilt: 360°, Pitch: ± 45, Skew: ± 60° <b>Framing Angles:</b> 42.4° (Horizontal), 33° (Vertical) <b>Print Contrast:</b> 20% minimum reflectance	<b>Reading Distances</b>  <b>100% U.P.C:</b> 46 mm – 419 mm (1.8" – 16.5") <b>5 mil Code 39:</b> 64 mm – 163 mm 2.5" – 6.4") <b>10 mil Code 39:</b> 28 mm – 338 mm (1.1" – 13.3") <b>6.7 mil PDF417:</b> 46 mm – 185 mm (1.8" – 7.3") <b>10 mil Data Matrix:</b> 53 mm – 203 mm (2.1" – 8.0")
<b>Symbologies</b>  <b>Linear:</b> UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 32, Code 93, Codabar/NW7, Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5, MSI, Telepen, Trioptic, China Post  <b>2D Stacked:</b> PDF417, MicroPDF417, GS1 Composite  <b>2D Matrix:</b> Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code  <b>Postal:</b> Intelligent Mail Barcode, Postal-4i, Australian Post, British Post, Canadian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code OCR Option: OCR-A, OCR-B, E13B (MICR)	
<b>Regulatory Approvals</b> UL, cUL, VDE certified, RoHS compliant, Class 2 Laser	
<b>Description</b>  Embedded inside the ultra-compact N6603 series engine is a proprietary imaging sensor designed specifically for professional barcode reading. With its powerful white illumination, this compact but powerful sensor captures more detail and is exceptionally motion tolerant, making it easy to decode hard-to-read barcodes and tolerate challenging ambient light environments. The N6603 series also puts a premium on interface flexibility. Provides fast scan speed, ultra-fast motion tolerance up to 5 m/s, excellent reading capability on poorly printed barcodes, and support for color barcodes	
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